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Sixty-Ninth Annual
⇒ Report of ⇐
The Cincinnati
Chamber of Commerce

SIXTY-NINTH ANNUAL REPORT
OF THE
CINCINNATI
CHAMBER OF COMMERCE

AND
MERCHANTS' EXCHANGE

FOR THE
YEAR ENDING DECEMBER 31, 1917



CINCINNATI
THE ROBERT T. MORRIS PRINTING COMPANY
209 VINE STREET
1918

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The Cincinnati Chamber of Commerce and Merchants' Exchange

ITS OBJECT shall be to foster the public interests of Cincinnati, to promote commerce and industry, to collect information in relation to commercial, financial, industrial and public affairs that may be of interest and value; to secure uniformity in commercial laws and customs; to facilitate business intercourse; to promote equitable principles, and provide for the adjustment of differences and disputes in trade.

(By-Laws Article II, Section 1)

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—1918—

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CHAS. H. STEPHENS, *Chairman*,
 ALFRED M. ALLEN,
 A. JULIUS FREIBERG,
 FRANK E. FRENCH,
 R. P. HARGITT,
 C. A. HINSCH,
 JOSEPH L. LACKNER,
 F. A. McGEE,
 ALBERT H. MORRILL,
 THOS. B. PAXTON, Jr.,
 W. M. SIMMONS,
 STARBUCK SMITH,
 W. J. WICHGAR,
 WILLIAM WORTHINGTON.

MILITARY AFFAIRS—

WM. COOPER PROCTER, *Chairman*,
 E. O. DANA,
 FRED L. HOFFMAN,
 A. H. MORRILL.

MUNICIPAL AFFAIRS—

STARBUCK SMITH, *Chairman*,
 MAX HIRSCH,
 H. J. PLOGSTEDT,
 O. S. BENNETT,
 CHARLES WACHTEL,
 W. J. FRIEDLANDER,
 M. G. HEINTZ,
 WALTER M. SCHOENLE.

POSTAL EFFICIENCY—

O. S. LARKBY, *Chairman*,
 E. H. BRINK,
 C. R. HINSCH,
 A. G. SCHWAB,
 G. P. ALTENBERG.

PUBLIC HEALTH COUNCIL—

W. M. DUNBAR, *Chairman*,
 C. R. HEBBLE.

PUBLIC UTILITIES—

GEORGE F. DIETERLE, *Chairman*,
 L. A. LENT,
 ANDREAS E. BURCKHARDT,
 A. P. STRIETMANN,
 WALTER A. KNIGHT,
 O. W. JANTZ.

SMILEAGE CAMPAIGN—

F. B. BEINKAMP, *Chairman*,
 WALTER ST. JOHN JONES,
 W. M. PERIN.

WAR COUNCIL—

EDWIN C. GIBBS, *Chairman*,
 A. CLIFFORD SHINKLE,
 JAMES A. REILLY.

WAR SAVINGS—

LEE EDWARD ACH, *Chairman*,
 CHARLES A. CULBERTSON,
 CHARLES A. BROWN.

WATERWAYS—

ALBERT BETTINGER, *Chairman*,
 O. F. BARRETT,
 BERNARD FREIBERG,
 E. A. BURNSIDE,
 F. L. GARRISON,
 H. C. BUSCH,
 EDWIN C. GIBBS,
 JAMES A. REILLY,
 JOHN H. ALLEN,
 J. F. ELLISON,
 WM. V. EBERSOLE,
 THOS. P. EGAN.

HONORARY MEMBERS.

| Names | When Elected |
|----------------------|--------------|
| HENRY PROBASCO* | 1871 |
| MILES GREENWOOD* | 1873 |
| JOHN H. GERARD* | 1874 |
| DAVID SINTON* | 1875 |
| REUBEN R. SPRINGER* | 1876 |
| JAMES F. TORRENCE* | 1877 |
| GEORGE GRAHAM* | 1878 |
| CHARLES W. WEST* | 1879 |
| WILLIAM PROCTER* | 1880 |
| JOSEPH LONGWORTH* | 1881 |
| JOHN SHERMAN* | 1883 |
| WILLIAM H. GLENN* | 1884 |
| GEORGE H. PENDLETON* | 1886 |
| JOSEPH RAWSON* | 1887 |
| HENRY C. URNER* | 1888 |
| SAMUEL F. COVINGTON* | 1889 |
| JOHN A. GANO* | 1890 |
| CHARLES DAVIS* | 1891 |
| JOHN KENNETT* | 1892 |
| RICHARD SMITH* | 1893 |
| JULIUS FREIBERG* | 1894 |
| A. E. ARMSTRONG* | 1895 |
| DAVID GIBSON* | 1895 |
| REUBEN A. HOLDEN* | 1897 |
| PARIS C. BROWN* | 1898 |
| WILLIAM A. PROCTER* | 1899 |
| MICHAEL RYAN | 1900 |
| GROVE J. PENNEY* | 1901 |
| H. WILSON BROWN* | 1903 |
| JOHN L. VANCE | 1904 |
| WILLIAM H. TAFT | 1904 |
| CHARLES B. MURRAY | 1906 |
| JACOB G. SCHMIDLAPP | 1906 |
| JAMES M. GLENN* | 1907 |
| JAMES A. LOUDEN* | 1909 |
| B. W. WASSON* | 1909 |
| JESSE R. CLARK | 1911 |
| JAMES M. ARNOLD* | 1912 |
| WALTER A. DRAPER | 1915 |
| THOMAS C. POWELL | 1916 |
| WILLIAM B. MELISH | 1917 |

* Died.

| | | | | | |
|---------------------|-----------|----------|--------------------|-----------|----------|
| JOHN H. GERARD | February | 10, 1876 | CHARLES DAVIS | October | 15, 1899 |
| GEORGE GRAHAM | March | 1, 1881 | REUBEN A. HOLDEN | May | 16, 1900 |
| JOSEPH LONGWORTH | December | 30, 1884 | DAVID SINTON | August | 31, 1900 |
| WILLIAM PROCTER | April | 4, 1883 | JOHN SHERMAN | October | 22, 1900 |
| CHARLES W. WEST | September | 21, 1884 | HENRY PROBASCO | October | 26, 1902 |
| REUBEN R. SPRINGER | December | 10, 1884 | A. E. ARMSTRONG | April | 23, 1905 |
| MILES GREENWOOD | November | 6, 1885 | GROVE J. PENNEY | June | 28, 1905 |
| WILLIAM GLENN | July | 17, 1887 | JULIUS FREIBERG | December | 7, 1905 |
| JAMES F. TORRENCE | September | 28, 1887 | H. WILSON BROWN | June | 22, 1906 |
| GEORGE H. PENDLETON | November | 24, 1889 | WILLIAM A. PROCTER | March | 28, 1907 |
| SAMUEL F. COVINGTON | December | 26, 1889 | HENRY C. URNER | April | 17, 1908 |
| JOSEPH RAWSON | November | 15, 1891 | PARIS C. BROWN | September | 7, 1911 |
| DAVID GIBSON | February | 7, 1897 | JAMES M. GLENN | December | 4, 1911 |
| JOHN A. GANO | January | 15, 1898 | JAMES A. LOUDON | April | 11, 1914 |
| RICHARD SMITH | April | 22, 1898 | B. W. WASSON | March | 27, 1915 |
| JOHN KENNETT | December | 12, 1898 | JAMES M. ARNOLD | April | 11, 1917 |

Necrology

| | |
|-------------------------------|---------------|
| GEORGE MOERLEIN | Jan. 2, 1917 |
| FRANK J. ENGER | " 4, 1917 |
| JOHN CURREN | " 18, 1917 |
| C. P. CALVERT | " 26, 1917 |
| GEORGE HAER | " 31, 1917 |
| WM. LYTLE FOSTER | " 31, 1917 |
| L. L. SHIELDS | Feb. 13, 1917 |
| SAMUEL BAILEY | " 24, 1917 |
| HERMANN TELKER | " 26, 1917 |
| H. M. RUBEL | " 28, 1917 |
| MYER S. ROSENTHAL | Mar. 8, 1917 |
| J. C. DALE | " 9, 1917 |
| WM. A. LEMMON | " 11, 1917 |
| WM. D. WILLSON | " 24, 1917 |
| GOTTLIEB HARTWEG | April 5, 1917 |
| GEO. LOHREY | " 5, 1917 |
| THOS. J. COGAN | " 6, 1917 |
| HERMAN ERDMAN | " 8, 1917 |
| JAMES M. ARNOLD | " 11, 1917 |
| WM. LODGE | " 30, 1917 |
| J. L. ANSPAUGH | May 1, 1917 |
| CLINTON CRANE | " 4, 1917 |
| J. B. FORAKER | " 10, 1917 |
| A. C. MACDONALD | " 31, 1917 |
| A. C. NEAVE | June 24, 1917 |
| HENRY C. MATHER | " 26, 1917 |
| GEO. F. SMITH | " —, 1917 |
| EDWARD ROOCH | July 9, 1917 |
| JOHN J. RADEL | " 9, 1917 |
| GEO. B. HAWLEY | " 24, 1917 |
| NICHOLAS CURTIS | Aug. 11, 1917 |
| BERNARD KAHN | " 13, 1917 |
| EDWARD RAWSON | " 22, 1917 |
| GEO. C. SCHNEIDER | " 26, 1917 |
| JAMES K. MORRISON | Oct. 6, 1917 |
| A. E. BURKHARDT | Nov. 5, 1917 |
| EDW. C. HARMEYER | " 8, 1917 |
| FRED PAGELS | " 8, 1917 |
| R. H. BUTLER | " 17, 1917 |
| EDW. L. HEINSHEIMER | Dec. 11, 1917 |
| THOMAS J. HALL | " 15, 1917 |
| CLIFFORD P. GARVEY | " 22, 1917 |
| JOHN WOESTEN | " 18, 1917 |

ANNUAL REPORTS
OF THE
EXECUTIVE OFFICIALS
OF THE
CINCINNATI
CHAMBER OF COMMERCE
AND
MERCHANTS' EXCHANGE

ANNUAL REPORT OF THE PRESIDENT.

To the Members of The Cincinnati Chamber of Commerce:

"For the Chamber of Commerce this has been a year of extraordinary activity. We have been called upon by our Government and our community for service never before rendered by the Chamber of Commerce. This has been a severe drain on our resources, our officers and our committees.

"Upon the declaration of war we offered our services to the Government in any capacity in which it could be useful, and it has been our privilege to have assisted in many ways.

"We were the first Chamber of Commerce to open a United States Naval Recruiting Station. We have assisted the local recruiting station in various ways. A committee was formed and offices opened here, and it is my pleasure to say that we have been very largely instrumental in the successful enlistments at the local Recruiting Station. It is my understanding that their quota is about completed.

Helped "In the early stages of the Red Cross activities, we not only supplied **Red** quarters for offices, etc., but our executive officers were called on for **Cross** considerable time and effort. We had a team in the field for the Red Cross drive and have been active in all of their work. We also had a team in the Red Triangle drive and have done all that we could when called upon to assist in that work.

"In the Liberty Loan campaigns we have furnished teams and have assisted in every way possible, and as long as this war lasts we stand ready to help the Government whenever and however we can. This is not only our duty but our pleasure.

"In other war activities we have been called upon to connect buyer and seller, and in many instances have been successful in bringing together buyer, seller and producer, to the ultimate advantage of all three.

"We also have been successful in securing experts for the war and other departments of the Government through a branch of the Intercollegiate Intelligence Bureau.

"The Home Guard was organized in the Chamber of Commerce and since its organization this has been its headquarters. Colonel Hake has, to-day, a regiment of 2,800 well-drilled disciplined men, who are ready for a call to service at any moment.

"As has been our policy in the past, we are strong advocates of the Ohio River improvement, and at this particular time, more so than any other. It is our hope that something may be done in the near future to give us a commerce on the River, such as we have not had for many years. If this is done, we feel sure that by using the Ohio River basin a tremendous load can be taken from the railroads, and in that way we can be of great benefit to the country at large.

"The Traffic Department has been usually active, and, under the present conditions, it has done its utmost.

"The Hamilton County Fuel Commission, while not directly a part of the Chamber of Commerce, is, to all practical purposes, a part of it. Your Executive Secretary, Mr. Hebble, is the secretary of this committee. The present condition of the railroads, coupled with the severest winter we have had in many years, has given the secretary of the Fuel Commission a bad time.

Terminal Committee Busy "We feel, however, that we have been of great assistance to the Government, the railroads, to dealer and consumer. We have an excellent committee on Railroad Terminals. This committee has not deemed it wise, nor advisable, under present conditions, to put on an active campaign, but to my personal knowledge they are hard at work, and we have hopes that something may yet come from their efforts.

"We also have been active in —Social Center Council, Social Unit, Universal Military Training, Americanization, Civic and Vocational work, the Rapid Transit Loop, Agriculture and Legislation.

"We have had delegates represent us at a number of important meetings throughout the country, whose purpose it was to develop the commercial resources of the country.

"We have been helpful in the various gardening organizations in putting them on a basis of actual results.

"We commenced our year with 2,931 members. We have 286 new members, and 321 resignations, which shows a net loss of 35 members for the year.

"Our receipts were \$140,921.28, and our expenditures \$138,301.67, which shows receipts over disbursements of \$2,619.61. These figures are approximate and are subject to slight changes.

"There are many members of the Chamber of Commerce who do not avail themselves of its benefits. Those of you, who are here to-night, who do not know what the Chamber can do for you would find it to your advantage to consult with the Executive Secretary, as I feel sure that you will find such a consultation to be of mutual advantage."

Respectfully submitted,

A. CLIFFORD SHINKLE,

President.

REPORT OF THE TREASURER.

Cincinnati, January 1, 1918.

Mr. A. Clifford Shinkle, President.

Cincinnati Chamber of Commerce and Merchants' Exchange.

Dear Sir:

I have the honor to submit to you the following report of receipts and disbursements of the Chamber of Commerce for the year ending December 31, 1917.

Very respectfully,

B. H. WESS, *Treasurer.*

| | | |
|--|-------------|--------------|
| Balance in Bank, December 31, 1917..... | | \$ 1,836.52 |
| RECEIPTS. | | |
| Membership Dues..... | \$63,705.77 | |
| Accounts Receivable..... | | |
| Weighing and Inspection..... | 40,917.78 | |
| Traffic..... | 348.27 | |
| Desk Rentals..... | 400.00 | |
| Clerks Tickets..... | 133.55 | |
| Transfer Fees..... | 85.00 | |
| Inspection Com. Fees..... | 5.00 | |
| Miscellaneous..... | 268.41 | |
| Egg Inspection..... | 28.75 | |
| Rent..... | 627.50 | |
| Grain and Hay Exchange..... | 2,393.18 | |
| Membership 1916..... | 939.25 | |
| Board of Real Estate Managers..... | 7,500.00 | |
| 1918 Dues..... | 1,912.50 | |
| Refunder 1916 and Other Expenses..... | 470.24 | |
| Prepaid Dues..... | 30.75 | |
| Prepaid Advertising..... | 56.00 | |
| Prepaid Clerk Tickets..... | 7.08 | |
| Equipment and Furniture Sold..... | 261.50 | |
| Accounts Receivable, Sundry..... | 6,088.30 | |
| Accounts Receivable, Advertising..... | 1,577.06 | |
| Convention Fund Subscription..... | 17,542.35 | |
| Milk Exchange..... | 7,225.89 | |
| Civic and Vocational League..... | 146.51 | |
| Banquets, Dinners and Outings..... | 1,831.10 | |
| Government Publications..... | 38.95 | |
| Convention Fund Refunder Credits..... | 187.20 | |
| Clean-Up Campaign..... | 1,017.00 | |
| Out of Town Shoppers..... | 570.87 | |
| Notes Payable, Regular..... | 35,000.00 | |
| Notes Payable, Home Guard..... | 39,000.00 | |
| Civic and Industrial Book Accounts..... | 2.20 | |
| Manufacturers' and Jobbers' Association..... | 55.00 | |
| Special Civic Fund..... | 124.78 | |
| Home Guard (cash received)..... | 39,929.10 | |
| | | \$272,263.36 |
| DISBURSEMENTS. | | |
| Checks 1248 to 1365..... | | 271,755.40 |
| Balance December 31, 1917..... | | 507.96 |

REPORT OF THE TREASURER—Continued.

| ASSETS | |
|--|---------------------|
| Leasehold Estate..... | \$ 600,000.00 |
| Furniture, Fixtures and Equipment..... | 29,022.37 |
| Cash in Bank and Office..... | 707.96 |
| Supplies in Storeroom and Other Sundries..... | 2,669.88 |
| Accounts Receivable..... | 9,371.25 |
| Prepaid Accounts..... | 551.32 |
| Convention Fund Appropriations..... | 23,333.34 |
| Unexpired Insurance..... | 66.69 |
| Due from Chamber of Commerce to Convention Fund..... | 15,341.68 |
| Subscriptions Receivable (Convention Fund) | 63,469.26 |
| | \$744,533.75 |
| LIABILITIES. | |
| Notes Payable..... | \$ 39,000.00 |
| Vouchers Payable..... | 3,060.84 |
| Miscellaneous Accounts Payable..... | 2,069.07 |
| 1918 Dues..... | 2,810.58 |
| Prepaid Adv. Accounts, Clerk Tickets, Accrued Taxes..... | 81.08 |
| Appropriations for Convention Fund (3 years)..... | 23,333.34 |
| Unearned Accounts..... | 166.67 |
| Due to Convention and Publicity Fund..... | 15,341.68 |
| Reserves for Expenses..... | 98.38 |
| Surplus at January 1, 1917..... | 578,548.85 |
| Net Increase to December 31, 1917..... | 1,212.32 |
| Subscriptions to Convention and Publicity Fund..... | 62,055.69 |
| Convention Fund Available..... | 15,355.44 |
| Reserve for Unpaid Subscriptions..... | 1,399.81 |
| | \$744,533.75 |

INCOME AND EXPENSES FOR 1918.

| INCOME. | | |
|--|-------------|--------------|
| Membership Dues..... | \$68,285.44 | |
| Weighing and Inspection Departments..... | 42,430.33 | |
| Traffic Department..... | 348.27 | |
| Desk Rental..... | 400.00 | |
| Clerks Tickets..... | 142.92 | |
| Transfer Fees..... | 85.00 | |
| Discount..... | 310.79 | |
| Arbitration Fees..... | 50.00 | |
| Grain Inspection Committee..... | 15.00 | |
| Miscellaneous..... | 167.28 | |
| Butter and Egg Inspection..... | 28.75 | |
| Rent (Telegraph Companies and Telephone Booths)..... | 627.50 | |
| Leasehold..... | 27,500.00 | |
| Grain and Hay Exchange..... | 2,000.00 | |
| Total Income..... | | \$142,391.28 |
| EXPENSES | | |
| Exchange Floor..... | \$25,127.80 | |
| Produce Exchange..... | 1,810.05 | |
| Weighing Department..... | 19,555.27 | |
| Inspection Department..... | 21,529.54 | |
| Statistical Department..... | 5,263.21 | |
| Foreign Department..... | 4,272.18 | |
| Traffic Department..... | 12,315.91 | |
| Civic and Industrial Department..... | 6,237.01 | |
| Retail Merchants' Department..... | 4,389.23 | |
| Trade Expansion Department..... | 3,740.06 | |
| Membership Department..... | 4,175.22 | |
| General Expense..... | 19,585.21 | |
| Convention and Publicity Department..... | 10,000.00 | |
| Interest..... | 1,368.33 | |
| Total Expenses..... | | \$139,369.05 |
| Net Gains from Operations..... | | \$ 3,022.23 |

REPORT OF THE EXECUTIVE DEPARTMENT.

To the Board of Directors of the Cincinnati Chamber of Commerce.

It is the duty of the Executive Secretary to submit annually to the Board of Directors and members a report of the activities of the Chamber of Commerce and a statistical review of the business of Cincinnati.

These follow in the order named.

A report of the activities of the Chamber at best can touch only a few of the high spots. The thousand and one ways in which the Chamber is intimately related to the community life can not be detailed. Much of its work is of such nature that it should not appear in a public report. The institution has become a great bureau of information for its members and the public; indeed very seldom is an appeal for information made in vain. Daily the staff is called upon for counsel by business men, teachers, out of town visitors and citizens generally. The facilities of the Chamber as a meeting place are made available, not only to its own committees, but to other groups of people when not used by the members of the Chamber.

Following will be found a condensed account of some of the typical work of the organization for 1917.

Very respectfully yours,

C. R. HEBBLE,

Executive Secretary.

ANNUAL REVIEW OF THE CHAMBER OF COMMERCE.

Agriculture It was felt that the Chamber of Commerce could be of greater assistance to the farmers of Hamilton County through representation in the Executive Committee of the Hamilton County Co-operative Farm Bureau Association, which is in charge of the County Agricultural Agent, D. R. Van Atta, who has his offices at the Chamber of Commerce. Accordingly Mr. Charles Moesser was appointed to represent the Chamber in the Association, and Mr. Van Atta was named by the Association as its representative in the Chamber of Commerce.

The Board of Directors of the Chamber authorized an appropriation of \$200.00, which was distributed in prizes to the successful contestants in the Annual Corn Growing Contest, held under the auspices of the Chamber of Commerce and the Hamilton County Co-operative Farm Bureau Association. The County Agricultural Agent obtained the services of farmers in each township, who acted as judges in the contest, and an additional \$50.00 was appropriated by the Chamber to pay for these services and other expenses incurred.

Amateur Day In order to encourage amateur athletics, the Board of Directors, upon recommendation of Mr. C. A. Culbertson, the Chamber's representative in the Greater Cincinnati Amateur Commission, appropriated funds for the purchase of 16 medals to be awarded to the successful contestants in the Commercial House Relay Race on Amateur Day, May 12th, 1917.

American Flags Following the severance of diplomatic relations with Germany and the entrance of the United States in the European struggle, a nationwide propaganda for the display of the American flag was inaugurated. This included the display of the flag in the business section of the city as well as in the homes and the wearing of the flag by the citizens. Of the many representations produced, few bore the regulation number of stars and stripes. In April the Wholesale Jewelers & Manufacturers Association of the Chamber of Commerce adopted resolutions urging all Cincinnati manufacturing jewelers to manufacture real American flags, to include 48 stars and 13 stripes. The Association also urged all manufacturing jewelers throughout the country to adopt similar resolutions and to comply with the same.

Americanization With the entrance of the United States into the World War, the problem resulting from the presence in our large cities of compact masses of unassimilated aliens passed from the chronic to the acute stage. The Americanization Executive Committee, composed of representatives of the Chamber of Commerce, public schools, and the Immigrant Welfare Committee, was organized by the Civic and Industrial Department of the Chamber of Commerce, so that all the forces interested in this movement would be combined and the best material available be secured for conducting the work.

A patriotic dinner attended by approximately 400 representative men and women, was held at the Hotel Sinton on April 19th, at which the plan of the Committee was announced.

Later in the year the Committee was authorized to solicit funds for the conduct of the work contemplated. These funds were assured by the Council of Social Agencies, which included the financial needs of the Committee in its budget.

An Americanization center, in charge of a trained worker, has been established at 1901 Central Avenue. The Committee also mailed over 1,600 personal letters to a list of non-English speaking workmen, furnished by their employers, making an appeal to them to attend the night schools for foreign born people.

Annual Election The Annual Election of the Chamber of Commerce was held on Wednesday, January 10th, between the hours of 11:00 A. M. and 4:00 P. M., in the Exchange Hall. 1296 votes were cast.

The names of twelve candidates had been placed in nomination; the five receiving the highest number of votes were elected for a term of three years, and the one receiving the next highest was elected for one year. Messrs. Joseph D. Englebert, Frank E. French, Dwight Hinckley, James A. Reilly and Luke W. Smith were elected to serve three years, and Robert W. Pogue was elected to the one year term.

At the same time and place, the election for members of the Board of Real Estate Managers was also held. Charles G. Brooks was elected to serve for three years.

Armor Plate Plant The Civic and Industrial Department, through its manager, personally submitted a brief to the Naval Board charged with the selection of a site for the Government Armor Plate plant. Cincinnati was later eliminated for consideration by the Board because of its decision to the effect that no city within 200 miles distant from the nearest border of the United States would be considered. The Board stated that Cincinnati was 191 miles distant from the nearest shore of Lake Erie.

Assemblies Among the more important membership meetings of the Chamber of Commerce for the year 1917, are the following:

January 10, 1917, the Annual Meeting and Dinner at the Hotel Sinton, at which 260 members were present. The principal speaker of the evening was Edward N. Hurley, Chairman of the Federal Trade Commission. His subject was "Some of Our Business Problems."

On January 25, 1917, the Minute Men of the Chamber of Commerce enjoyed a dinner at the Hyde Park Country Club. First Vice President Ralph A. Tingle installed the newly elected officers of the Minute Men, in the absence of President Shinkle. There were present 82.

On March 20, 1917, the first monthly luncheon of the Chamber was held at the Hotel Sinton, at which the Interurban Rapid Transit contract was discussed. 196 members participated. The speakers were E. W. Edwards, Walter A. Draper, and Charles O. Rose.

On March 27, 1917, a gathering of more than 200 business men assembled at the Hotel Sinton at a luncheon given by the Chamber of Commerce for a further discussion of the Interurban Rapid Transit. Vice President Luke W. Smith presided and the speakers for the occasion were J. G. Schmidlapp, Alfred Bettman and Henry T. Hunt.

On April 10, 1917, the Minute Men of the Chamber of Commerce entertained the Cincinnati Reds at a Luncheon in the ballroom of the Hotel Gibson. Ralph A. Tingle acted as toastmaster. Other speakers were A. Clifford Shinkle, President of the Chamber of Commerce, Judge Frederick L. Hoffman, Hon. Harry L. Gordon and Manager Christy Mathewson of the Reds. An attendance of 320 was reported.

The Minstrel Show on Exchange Floor, April 25, 1917, was a complete success. The Music was furnished by the Amphion Glee Club and 650 members were present.

On June 13, 1917, the Mid-Summer Dinner of the Chamber at the Zoo was very successfully carried out. Nearly 200 members and their friends enjoyed the dinner and dance at the Club House, Mr. C. A. Culbertson, Chairman of the Entertainment Committee, presiding.

At a luncheon held at the Hotel Sinton on July 10, 1917, at which 154 members of the Chamber were present, Captain F. C. deSumichrast, of London, spoke on war topics.

On July 24, 1917, the Belgian Mission was entertained under the auspices of the Chamber of Commerce. A very impressive reception was tendered the visitors on Government Square and they were then taken on an automobile ride through the residence districts of the city to the Cincinnati Country Club where a dinner, attended by 132 representative citizens, was served.

On August 28, 1917, the Annual Outing and Dinner of the Chamber of Commerce was held at Coney Island. This was the largest and most successful outing ever handled by the Chamber, the attendance numbering nearly 3,000.

On September 25, 1917, Hon. A. Parker Nevin, member of the Executive Committee, Council of National Defense, addressed the members of the Chamber of Commerce at a luncheon in the Hotel Sinton, on the subject "Industry Under War Conditions And After." More than 200 members were present.

The Minute Men of the Chamber of Commerce held their Annual Reunion at Phillipi's Garden, Westwood, on the afternoon of September 29, Mr. Luke W. Smith, Commander, in charge. The members met at the Chamber of Commerce at three o'clock and were taken to the garden in Automobiles, where a baseball game and other athletic sports were enjoyed preceding the dinner.

On October 9, 1917, a "Get-Together Luncheon" was held at the Hotel Gibson for members of the Chamber and their friends. Col. Charles F. Hake, Jr., of the Home Guards addressed the members.

The Anniversary Meeting of the Chamber of Commerce was held on October 23, 1917. The membership was addressed by Private H. R. Peat, member of the Third Battalion, First Contingent British Expeditionary Forces. More than 1500 members were present and the occasion was a very interesting and enjoyable one. The Chamber of Commerce Glee Club rendered several selections and later a buffet luncheon was served.

Associated Film Exchanges Through the co-operation of the various express companies, the Post Office Department and the Traffic and Trade Expansion departments of the Chamber of Commerce, conditions with regard to the shipment of films have been greatly improved.

A number of trade rules have been adopted by the Associated Film Exchange and enforced in order to better trade conditions in the Cincinnati district.

Auto Races Appreciating the commercial value of the Cincinnati Speedway to the City of Cincinnati, the Board of Directors aided the Cincinnati Speedway Company in making a success of the Annual Decoration Day Races at the Speedway.

The Convention and Publicity Department prepared many pages of publicity for this purpose which appeared in the official organ of the Chamber, as well as in local and outside newspapers

Board of Health The Board of Directors filed a vigorous protest with the Ohio General Assembly against the passage of House Bill No. 7, which had been introduced in the last Session, and the Chamber was represented by its Executive Secretary before the House Committee on Education.

This bill sought to make independent Boards of Health optional, and to confer upon city councils the right to fix the number of employees and their salaries. This bill passed, but was vetoed by the Governor.

Building Code The Chairman of the Building Code Committee, who is thoroughly familiar with the operation of building departments in the larger cities of the country, desires to call attention to the fact that it can be said with considerable pride that in no city is a more competent or efficient management in charge of the building department to be found than in the City of Cincinnati. In technical qualifications our City Building Department is far above the average.

Our municipal authorities have in mind a revision of the City Building Code, eliminating certain impracticable sections and adding certain requirements which experience in recent years has developed to be absolutely necessary.

An effort will also be made in revising our Municipal Building Code to have the proper State authorities recommend necessary changes in the Ohio State Building Code so that Municipal and State Building Codes will not conflict.

In other large cities the authorities in charge frequently ignore opposition to the expense incurred for protective regulations, and furnish the necessary inspection service to see that in buildings under construction the requirements of the department are complied with. At least ten competent technically equipped inspectors devoted exclusively to this kind of work should be in the service of the Building Department. The expense is insignificant when compared with the insurance obtained in the saving of life and property.

Building Material Exchange The Building Material Exchange of The Cincinnati Chamber of Commerce was organized by the Trade

Expansion Department for the purpose of promoting the welfare of the City of Cincinnati and those engaged in the building supply business. The Exchange was active in effecting the closing of offices and yards at noon on Saturday during the months of July and August, and also contributing to the National Builders Supply Association for an emergency fund, to be used in the interests of building material dealers. The organization is co-operating with the Traffic Department of the Chamber of Commerce to secure better service from the railroads.

In January, 1917, a wholesale branch of the Building Material Exchange was organized, and has adopted a number of trade rules to better trade conditions in Cincinnati.

Cantonment Site The Civic and Industrial Department cooperated with the local committee in charge of submitting sites for the proposed national army camp for the selectives chosen from this district.

Charter The Board of Directors adopted resolutions urging the membership to use their best efforts for the passage of the home rule charter for the City of Cincinnati, which was submitted and adopted by the Electorate at a special election, held on April 17th, 1917.

City Planning The City Planning Committee of the Chamber of Commerce cooperated with the United City Planning Committee which formulated a city planning section of the city charter. This was presented to the Charter Commission which adopted it practically without modification. The Chamber has been a consistent advocate of city planning for years. Active committees have been at work constantly. The adoption of the city charter with city planning provisions is a most satisfactory result of this effort.

Civic and Vocational League The work of the Civic and Vocational League has been so successful that the Superintendent of Schools has assigned a teacher to give half-time to the work of the League. Headquarters have been established at the Chamber of Commerce. Principal activities in connection with the work of the League may be outlined as follows:

First—Mass meetings held regularly in Exchange Hall, every member of the League being given an opportunity to visit the Chamber of Commerce.

Second—Inception of the Civic and Vocational League Herald, the official publication of the League.

Third—Second annual dinner given in September to principals and teachers in civics.

Fourth—Arrangements made with industrial firms for the conduct of classes through their establishment under proper guidance.

Fifth—Through kindness of automobile owners, auto rides through greater Cincinnati to eighth grade pupils living in the basin of the city.

Sixth—Active work by the League in assisting to rehabilitate the tomb of President William Henry Harrison.

Seventh—Active participation of the League in all junior war activities.

Clean-Up and Paint-Up Campaign

The 1917 Clean-Up and Paint-Up Campaign was inaugurated and carried to a successful conclusion. Arrangements were made with the State Fire Marshal and the Ohio State Fire Prevention Association, whereby the inspectors of the two organizations were in Cincinnati one week in April inspecting the business section of the city.

Conventions The advantages of Cincinnati as a convention city were never better demonstrated than during 1917. There were but six cancellations or postponements out of nearly 150 conventions scheduled, a little more than 4%, whereas in a great many convention cities, particularly in the East, cancellations ran from 10 to 40%.

The Convention and Publicity Department secured and assisted in entertaining 140 conventions, with an aggregate attendance of 78,316. The attendance at each of these meetings, almost without exception, exceeded previous records of the various associations, the increased attendance running from 25 to 200%.

The department has also procured fifty conventions for the coming year, numbering among them some of the best national meetings scheduled to be held in the country during 1918. Particular attention is called to the procuring of the National Foreign Trade Convention, scheduled for April, 1918. This will be the greatest business convention held in 1918, the securing of which is the result of three years' intensive effort on the part of the Convention and Foreign Trade departments. This meeting will bring to Cincinnati about 2,000 of the manufacturing and financial leaders of the country, and from a publicity standpoint alone is worth a million dollars to the city.

Other important meetings secured include:

Woman's Association of Commerce of the U. S. A
Carriage Builders' National Association,
National Association of Stationary Engineers,
National Exhibitors' Association,
American Surgical Association,
Ohio Music Teachers' Association,
State Musical Association,
Ohio Piano Merchants' Association,
Southwestern Ohio Teachers' Association.

Council of Social Agencies The Chamber of Commerce donated the services of the manager of its Membership Department for ten days during the month of January, in the raising of a budget totalling \$233,500.00 for the Council of Social Agencies, to be distributed among the twenty-four charitable institutions connected with the Council.

County Prisoners Upon recommendation of the Committee on Legislation, the Board of Directors endorsed Senate Bill No. 68, pending in the Ohio General Assembly, having for its purpose the requirement that County Sheriffs shall feed prisoners at cost. This bill was enacted into law.

Credit Ratings During the year the Credit Rating Department furnished 109 ratings.

Dance Halls A number of bills having for their purpose the regulation of dance halls, dances, and the selling and serving of liquor in connection with such, were before the Ohio General Assembly at its last session. These bills proposed much needed reforms and the Board of Directors in line with the policy of the Chamber of Commerce in the promotion of good government for the City of Cincinnati, urged the passage of these measures. The legislature adjourned before the bills could be reached.

Daylight Saving On April 10, 1917, Mr. William Borland, Member of Congress from Missouri, introduced House Resolution 2609 to save daylight and to provide standard time for the United States. The terms of the bill provide that each of the five zones of time in the United States is to be advanced one hour. For instance, the Central Zone, in which Cincinnati is located, is to have the time of the 75th degree of longitude instead of the 90th. This earlier time is to be effective only from the last Sunday in April to the last Sunday of September of each year. The bill likewise provides that the Interstate Commerce Commission shall be empowered to define the limits of each zone.

The bill passed the Senate at the last session of the 64th Congress, but did not pass the House. It has been re-introduced in the 65th Congress, has passed

the Senate, and is now pending before the Committee on Interstate and Foreign Commerce of the House.

The Chamber of Commerce Committee on Daylight Saving petitioned the Committee on Interstate and Foreign Commerce to report the bill favorably, and also communicated with Mr. Borland, the author of the bill, who considers the prospects favorable for its passage.

The Committee has also written to Dr. Garfield, recommending that he order the adoption of faster time in April, provided the bill shall not have become a law by that time, and has been assured by Mr. P. B. Noyes, Deputy Fuel Administrator, that the bill has the support of the President, and will probably be enacted into law.

Delegates During the year the Chamber of Commerce was represented at the following meetings of national import:

The Annual Foreign Trade Convention, Pittsburgh, Pa., in January. About twenty-five representatives from Cincinnati attended this convention.

Joint Committee of State Societies holding a conference of governors and delegates of trade bodies of the United States, in Washington, D. C., on March 6, 1917, when the subject of permanent state exposition buildings and exhibits in Washington, was discussed.

American Academy of Political and Social Science, Philadelphia, Pa., April 20-21.

Annual meeting of the Ohio Commercial Secretaries' Association, Dayton, Ohio. The Chamber of Commerce was represented by the Executive Secretary.

War Convention of American Business, called by the Chamber of Commerce of the United States. Fifteen delegates represented the Cincinnati Chamber of Commerce at this convention, which was held in Atlantic City, September 18-21. This meeting was held for the purpose of discussing how the business interests of the country could aid in the conduct of the war. A number of questions of national importance were discussed and various resolutions adopted.

Annual meeting of the National Association of Commercial Organization Secretaries, held at Chicago, Ill., during the first week in October. Mr. Hebble represented the Chamber of Commerce.

American Manufacturers' Export Association, New York, October 10, 1917. Mr. Alter represented the Cincinnati Chamber of Commerce at this meeting.

Twenty-third Annual Convention of the Ohio Valley Improvement Association, held at Evansville, Ind., on October 24-25. Cincinnati was represented by fourteen delegates.

Draft Board Cincinnati was selected as the headquarters for the draft board for the Southern district of Ohio. A brief prepared by the Civic and Industrial Department and presented by a Cincinnati member of the Board, did much to influence the selection of Cincinnati.

Elevator Operators Upon recommendation of the Manufacturers and Jobbers Association of the Chamber of Commerce, and the Committee on Legislation, the Board of Directors urged the defeat of House Bill No. 31, pending in the Ohio General Assembly, which had for its purpose the licensing of elevator operators and starters. This bill failed of passage.

Embargo Restrictions of the U. S. Government About the middle of July, the War Trade Board put into effect embargo restrictions on the exportation of certain commodities. Since that time, the Foreign Trade Department of the Chamber of Commerce has co-operated and received official information direct from the War Trade Board as to all new rulings on this order.

As Canadian shipments are handled a little differently than any other foreign shipments, a bulletin was issued and distributed among all the exporters in this city, stating specifically and clearly just how to proceed in handling such shipments.

Through the personal efforts of the manager, Mr. Clifford Woods, Deputy Collector of Customs in this city, agreed to license export shipments of commodities not on the "conservation list" and valued at less than \$100. Particular attention and assistance was also given individual concerns making shipments to Canada of articles not requiring a license, which the railroads held up at the border, stating an export license was necessary. After taking each individual case up personally with the railroads, and in one instance an express company, and explaining to them that no license was necessary, the transportation companies finally agreed to accept the shipments, and the concerns in question have had no further trouble.

Copies of the United States Enemy Trading List were also distributed to the exporters.

Fertilizer Through representations made by the manager of the Traffic Department at conferences with the Public Utilities Commission at Columbus and the Interstate Commerce Commission at Washington, it was finally possible to move the large amount of fertilizer manufactured by local firms.

It is gratifying to know that, notwithstanding the extremely unsatisfactory car supply and other transportation difficulties, a larger amount of fertilizer was shipped during the spring of 1917 than during 1916.

Field Hospital Corps During the month of April the Field Hospital Corps was received at Cincinnati, and the Chamber of Commerce appropriated funds partially to defray the expenses in this connection.

Flood Prevention Early in the year the Committee on Flood Prevention passed resolutions to the effect that a Committee on Flood Prevention should be appointed by the Mayor, this Committee to co-operate

with the Chamber of Commerce committee and take such action as might be deemed necessary to protect the City against future floods. The resolution was brought before Council, was passed on favorably, and a committee was subsequently appointed by the Mayor.

In a conference with the Mayor, the Chamber of Commerce committee asked that a sum of \$25,000 be granted to make surveys and also a more thorough investigation of the problem on hand. Should this be granted, it is intended to employ competent engineers to go over the whole flood proposition carefully, collect data and submit a plan in keeping with the requirements of the city, not only for the present but for years to come, that will greatly modify or eliminate flood trouble.

Foreign Trade Association The Association was very active throughout the year in its endeavor to aid in the expansion of foreign trade. It co-operated with the Russian-American Chamber of Commerce in regard to the many difficulties experienced in making shipments to Russia. It investigated the exportation of jute products into South American countries. Through correspondence with the United States Shipping Board it urged the confiscation by the United States of German interned vessels in Brazilian ports, with a view to increasing our merchant shipping.

A resolution was also adopted by the Association approving an appropriation of \$1,000,000 by Congress, requested by the Bureau of Foreign and Domestic Commerce, for the expansion of America's foreign trade.

The president represented the Association at the executive meeting of the National Foreign Trade Council, held in New York on October 4, 1917, and aided materially in securing for Cincinnati the next National Foreign Trade Convention, to be held in April 1918.

Foreign Trade Opportunities During the year the Foreign Trade Department furnished Cincinnati Exporters with 1215 trade inquiries, received through the co-operative branch of the Bureau of Foreign and Domestic Commerce.

Foreign Visitors During the year the Foreign Trade Department entertained 44 visitors to Cincinnati from foreign countries. These visitors were entertained at noonday luncheons, held under the auspices of the Foreign Trade Association of the Chamber of Commerce. The visitors were assisted in establishing desirable connections with local concerns.

Fraudulent Auctioneering The Retail Department of the Chamber of Commerce co-operated with the Cincinnati Retail Jewelers' Association in drawing up and securing the passage of an ordinance regulating fraudulent auctioneering. There were a number of auctioneers, who, by question-

able methods, induced customers to buy articles which were grossly misrepresented. After the ordinance was passed, the Retail Department also assisted in the prosecution of several auctioneers who violated the ordinance.

Free Storage The managers of the Foreign Trade Department and the Traffic Department, during the month of January, appeared before the Suspension Board of the Interstate Commerce Commission, with reference to the railroads reducing the free storage time at the seaboard. Representatives from various organizations were present at this conference, and as a result of their efforts the fifteen day limit was allowed to remain in force until June.

However, the matter was again submitted to the Suspension Board on October 4, 1917, and on November 12, 1917, a decision was rendered reducing the time allowed on export traffic at the north Atlantic ports to ten days and to not less than seven days at the Gulf ports. The Board also found that the reduction from ten to five days in the free storage time, applicable to bunker coal at New Orleans, Mobile and Pensacola, was justified.

Gardening In line with its policy to aid the Government in its National Defense plans, which included an intensive campaign for the conservation of food, the Civic and Industrial Department assisted in coordinating and centralizing the various activities in connection with War Gardens. Headquarters were opened in the Union Central Building and Mr. Harry J. Esterman, Chairman of the United Food Committee, representing the Cincinnati Chamber of Commerce, established his offices in the quarters and worked with the County Agricultural Agent in furthering and promoting the development of gardening on vacant lots and in back yards.

In order to encourage boys and girls in the gardening movement, the Board of Directors, upon recommendation of the Committee on Education, appropriated \$100.00 to be divided between prizes to be awarded at the Hamilton County Fair for garden products exhibited by boys and girls, and a trip to Washington, D. C., for the boy living in Cincinnati who is most successful in gardening one-twentieth of an acre or more, on a commercial basis.

As a part of the Clean Up and Paint Up Campaign, funds were provided by which nine school gardens were prepared for use by children. These gardens would not have been possible without this assistance, as funds for this purpose were not otherwise available.

Hay During the year Cincinnati as a hay market has increased its volume of business to a large extent. 16,145 cars were handled at Cincinnati as compared with 12,805 in 1916. This increase in volume was brought about largely by a new method of sale, known as the "plugging system," which was introduced by a special committee of the Grain and Hay Exchange of the Cincinnati Chamber of Commerce. Under this system the cars are set on special railroad tracks leased for that purpose. They are then "plugged," i. e., several bales of hay are removed from the door of the car and an aisle is made to both

ends of the car. This enables the prospective purchaser to carefully examine nearly every bale of hay in the car and affords him an opportunity to see the various qualities of hay which may have been loaded into the car. In this way the hay is not bought on the basis of a prior official inspection, but through an agreement between the buyer and seller, based on an inspection by them of the hay sold.

Historical Sites The principal activity undertaken by the Committee on Historical Sites during the year was to reclaim the old Fulton burying ground in the East End, and the work had progressed to the point where it could have been reclaimed and put in shape as an historical site, had the necessary funds been available.

Several other activities were contemplated by the Committee, which included marking certain historical trails, the landing place of the first pioneers, and many other matters of historical interest.

It became evident to the Committee that some organization would have to be effected with which to raise funds, and a plan was outlined which contemplated the support of the various patriotic societies, but all activities in this direction were suddenly halted by our country engaging in the war. There were so many other demands for money, and so much else that seemed more important, that the Committee decided it would be unwise to press the work it had undertaken until a more favorable time.

Home Route Rules By continued conferences and correspondence with the Interstate Commerce Commission and the Car Service Committee of the American Railway Association, efforts to secure some relief in car supply were finally successful, as the railroads on April 26th cancelled the Home Routing Rules which had seriously interfered with our shippers and those at other points by withholding from them the privilege of using available cars merely because such cars were compelled to move home in a direction opposite to the direction of the traffic itself.

Hours of Employment Various bills were introduced in the Ohio General Assembly, having for their purpose the regulation of the hours of labor for women. Many of the provisions of these bills, if enacted into law, would have worked a serious hardship upon female employes, since many women would be deprived of an opportunity to gain a livelihood and some of the provisions would seriously interfere with certain lines of business.

Industrial Booklet During the year the Civic and Industrial Department issued a new booklet, entitled "Cincinnati, Plain Facts About The Queen City of The West". It contains, in condensed form, a vast amount of statistical information about Cincinnati. It was prepared more especially for manufacturers and others who wish to inform themselves about the city from an industrial and economic standpoint. It has been sent to those who have con-

sidered establishing a business here or removing one to Cincinnati. The booklet has been the subject of favorable comment because of its attractive appearance, and because of the accuracy and completeness of its contents.

Industrial Corporation In the 68th Annual Report reference was made to the formation of an Industrial Corporation, the necessity and importance of which has been very strongly emphasized. The matter was postponed because of difficulty that would be encountered in raising funds for an enterprise of this character in view of the many demands upon Cincinnati, particularly with reference to the "Liberty Loan" and the "Red Cross" campaigns.

Industrial Map A revised industrial map of the City of Cincinnati was prepared in two colors and reissued by the Civic and Industrial Department.

Industrial Survey The Civic and Industrial Department made two separate surveys during the year; one to determine whether it would be profitable to establish another steel foundry in Cincinnati, and the other to determine the need for a foundry specializing in the production of light weight grey iron castings. Results of both surveys indicate the need for the above plants mentioned.

Industrial Welfare and Housing The Industrial Welfare and Housing Committee was active in securing proper housing for negro immigrants from the South. The committee also passed a resolution recommending that the Board of Directors of the Chamber of Commerce endorse and urge the Mayor to cause to be appropriated the sum of \$30,000 to be used in 1918 for the use of the tenement house inspection department.

Inspection The following cars were handled by the Inspection Department during the past year:

| | |
|------------------------------|--------|
| Grain inbound | 16,719 |
| Grain outbound | 4,708 |
| Hay inbound | 13,639 |
| Hay bale inspected | 2,506 |

Comparing this report with that of 1916, we find a decrease of 2,247 cars of inbound grain, and 1,421 cars of outbound grain, while the inbound hay receipts exceed the 1916 record by 5,366 cars.

The report of the department also shows that the grain receipts during the month of August, especially with regard to wheat, were the largest on record, but owing to the regulation of the price of grain by the United States Government, there was a steady decline in receipts beginning with the latter part of August and continuing throughout the remainder of the year.

The department also inspected 4,486 barrels of flour during the year.

Jewelers The activities of the Wholesale Jewelers and Manufacturers Association were both numerous and varied during the year.

The Association contributed to the National Advertising Campaign conducted by the Associated Jewelers of America, and also adopted the method of advertising cooperatively in convention programs. The slogan "Cincinnati, The Jewelry City," has been adopted by the Association, to be printed on all stationery, bills and advertisements used by the members.

A representative was sent to New York to represent Cincinnati at the meetings of the Jewelers' Vigilance Committee, which assisted in the decisions on jewelry in regard to the War Revenue Tax Bill. A committee was also appointed to solicit donations to the Jewelers' Vigilance Committee.

The convention of the National Wholesale Jewelers Association was entertained in April, the local association collecting funds for this purpose. The members of the association also assisted the United States Government as voluntary Navy recruiting agents.

The Manufacturers' Group of the Wholesale Jewelers and Manufacturers Association voluntarily reduced the schedule of working hours from 54 to 48 hours per week and adopted a minimum wage for apprentices.

Delegates were sent by the Manufacturers' Group to a meeting of the Central Manufacturing Jewelers' Association, held in February.

The Jobbers' Group is taking steps to organize a group on lines similar to the Manufacturers' Group.

Legislation The year 1917, may be regarded as having presented more legislative questions than any previous year in the history of the Chamber of Commerce, as will be seen upon reference to the many bills introduced in the National Congress and the Ohio General Assembly. The Board of Directors in its action on the various measures was guided by the Chamber's Committee on Legislation and the various subsidiary bodies of the Chamber of Commerce. Bills affecting the interests of the membership in general were referred to the Committee on Legislation, while the action of the Board on those affecting any particular line, was the result of the advice of the groups interested.

Lincoln Memorial University Upon recommendation of the Committee on Education, the Board of Directors endorsed the raising of a \$60,000.00 fund for the completion of the main college building of the Lincoln Memorial University at Cumberland Gap, Tennessee, the same to be known as "Cincinnati Hall".

Membership The Membership Department of the Chamber of Commerce presents the following report for the year 1917:

| | |
|---|-------|
| Total membership December 31, 1916..... | 2,931 |
| Resignations during 1917..... | 321 |
| New memberships procured..... | 286 |
| Total loss..... | 35 |
| Total membership December 31, 1917..... | 2,896 |

Through the efforts of the Department thirty members, who had resigned were persuaded to withdraw their resignations. Seventy-eight transfers of certificates were also effected.

The Department has endeavored diligently to advertise the advantages and efficient work of the Chamber of Commerce in soliciting new members. Approximately 10,000 interviews have been had with prospective members.

Milk Exchange The Milk Exchange, which includes in its membership practically all of the milk distributors of the Cincinnati district, applied itself to solving such problems as the relief of the milk-bottle shortage; the adjustment of the price of milk to the producers; the betterment of the quality of milk by cooperation with the Food Inspection Department of the Board of Health; and the stimulation of the consumption of milk; cooperation with the local U. S. Food Administrator in fixing the retail price of milk as well as the price to producers. All of these problems were solved satisfactorily. By means of an extensive advertising campaign the consumption of milk was considerably increased, in spite of the increase in price.

Motion Picture Exhibitors' League The Motion Picture Exhibitors' League includes in its membership the leading motion picture exhibitors in the city. It was organized for the purpose of eliminating those evils which could best be treated by cooperative rather than individual action. Such questions as legislation, free films and constructive rather than drastic measures to secure better films and cleaner advertising were considered.

The League cooperated with the Mayor in the suppression of misrepresentation in advertising and also cooperated with the film exchanges in eliminating free advertising films. The exchanges in turn promised not to give free service except on special occasions.

A dinner and meeting of exhibitors, exchange managers and motion picture operators was also arranged by the League, at which a lecture on better projection was given.

The League organized the Screen League, for the purpose of encouraging good films and bettering the screen in a constructive way.

Municipal Pure Food Show From August 7th to 19th, inclusive, the Municipal Pure Food Exhibit was held at Chester Park under municipal management and auspices of the Chamber of Commerce. The Exposition was opened by Mayor George Puchta and a large attendance was reported during the entire period.

New Industries 1917 The following new industries were secured for Cincinnati through the efforts of the Civic and Industrial Department:

Cincinnati Terminal Warehouse Co. which was organized by Cincinnati business men because of the great need for adequate freight terminal facilities. This company engaged the services of a prominent engineering concern who investigated the local need for such an industry. An important factor brought out by their investigation was that Cincinnati now handles more freight per capita to its population than any other city in the world, and is doing it under a great handicap because of inadequate terminal facilities. The erection of this warehouse, to cost approximately \$2,200,000, is now assured and developments have reached the stage where options have been taken on property.

Maple Heel Company moved to Cincinnati from Newburyport, Mass. and purchased a factory at John and Wade Streets. It produces wooden heels for the shoe manufacturing trade. This company has been reorganized and is now known as the Day Wood Company.

The Ohio Mold and Foundry Co. purchased the Lane and Bodley plant at Bond Hill. The company manufactures steel ingot moulds and has been highly successful since its organization.

Royal Home Canner Co. moved to Cincinnati from Albion, Illinois. This company manufactures a patent home canning device.

Sparks Shows a fifteen car circus which has wintered for years at Salisbury, N. C., will winter in Cincinnati this year and perhaps subsequent years.

Steel Forgings Co. has erected a new plant at Oakley, financed mostly by Cleveland capital. This company was brought to Cincinnati through the efforts of the Civic and Industrial Department and the Industrial Department of the B. and O. Railroad.

The Tubular Steel Products Co. has secured option on 34 acres of ground at Oakley for factory purposes. The company plans to manufacture steel tubing through use of electric furnaces.

Office of Postmaster Upon recommendation of the committee on Legislation, the Board of Directors urged the passage of the Poindexter Amendment to the Legislative Executive and Judicial Appropriation bill which provided that the office of Postmaster shall be non-political. This bill was unanimously adopted by the Senate but was defeated in the House by large vote.

Ohio Corporations Upon recommendation of the Committee on Legislation, the Board of Directors urged defeat of Senate Bill No. 127, pending in the Ohio General Assembly, providing that at least two directors of Ohio Corporations shall be residents of Ohio. The bill failed of passage.

Permanent Exhibit Building Francis B. James, Councillor of the Chamber of Commerce, was appointed by President A. C. Shinkle to represent the Chamber of Commerce at a conference of Governors of States and representatives of commercial organizations, at Washington, March 6, when the matter of a permanent exhibit building was considered. This building would contain illustrations of the industrial, commercial, natural and educational advantages of the States of the United States, and would be of especial value to foreign visitors.

Platinum Following the entrance of the United States into the European conflict, announcement was made that the Government would require 16,000 ounces of platinum for war purposes. Considerable platinum was being used by the manufacturing jewelers. As a patriotic move the Association of the Chamber called upon the Jewelers Vigilance Committee of New York City to urge conservation of this metal and asked that steps be taken to discontinue its use in large and bulky articles.

Pneumatic Mail Tube Service Appreciating that Pneumatic Mail Tube Service in New York or Boston is of much benefit and advantage to other cities of the country, especially in the handling of first class dispatch mail, and in view of the vital interest which Cincinnati has in the continuance and extension of this service in all cities already equipped, and in the installation of the service in Cincinnati, for which a petition had already been filed with the Post Office Department, the Board of Directors petitioned the Congress of the United States not to discontinue the tube service in the cities mentioned unless a better or more rapid method of transportation could be immediately substituted. The 64th Congress subsequently passed a bill which provided for continuance of this service. A bill was introduced in the first session of the 65th Congress providing for repeal of the legislation passed by the previous Congress. The Committee on Postal Efficiency promptly considered the pending bill and upon its recommendation, the Board of Directors called upon our Congressmen to aid in the defeat of this bill.

Postal Efficiency Regular monthly meetings of the Postal Efficiency Committee were held during the year 1917.

Various forms of printed matter have been provided by the Committee, as well as various news items having been furnished for use in the newspapers and the Cincinnati, official bulletin of the Chamber of Commerce. Copies of a small printed pamphlet entitled "Postal Efficiency", containing rules for mailing, were distributed with the hearty co-operation of the Post Office Department, and many of them have been distributed by the Post Office Department direct. Inquiries have come from various parts of the country for copies of these rules, which the Committee provided, and which seem to have met with general approval.

Publicity The Convention and Publicity Department continued publicity work inaugurated two years ago, which secured the publishing of more than a thousand articles in newspapers, trade papers and magazines of national circulation.

Through the efforts of the department, work of the Chamber of Commerce was kept before the citizens of Cincinnati through hundreds of articles in the local newspapers.

The department also published 52 issues of THE CINCINNATIAN, the official bulletin of the Chamber of Commerce. Through this medium, of from four to twenty-eight pages, the members of the Chamber of Commerce are kept informed in regard to the work of the organization and other matters of interest to business men.

Jeffersonville Indiana A bill for the enlargement of the United States **Quartermaster's Depot** Quartermaster's Depot at Jeffersonville, Indiana, was introduced in the Sixty-fourth Congress. The Board of Directors joined with the commercial organizations in this district and urged our members in Congress to support the measure, since Cincinnati manufacturers and jobbers have been recipients of orders through this depot and any enlargement of the same should result in increased business for local concerns.

The Sixty-fourth Congress adjourned before the bill was reached, but the bill was re-introduced in the Sixty-fifth Congress and the enlargement authorized.

Rapid Transit Ordinance The manager of the Civic and Industrial Department, representing the Public Utilities Committee, participated in conferences at which were discussed in advance the several provisions contained in the proposed ordinance for the revision of the street railway franchise and the joint operation of the street railway system and the proposed rapid transit system by the Cincinnati Traction Company. The committee recommended to the Board of Directors the endorsement of the proposed franchise revision and the proposed rapid transit ordinance. The Board took the position that the matter was of sufficient importance to be submitted to a referendum of the membership. This was done, 644 voting in favor, 198 opposed. The ordinance was approved by referendum to the citizens in April.

The committee also made several recommendations to the Council Committee on Street Railroads, regarding pending franchise revision of the Green Line, operating between Cincinnati and the Kentucky cities on the opposite banks of the river. The suggestions were endorsed by the Council Committee and owners of the Green Line and incorporated in the franchise.

Dining Room In the month of April the Board of Directors authorized the remodeling of part of the third floor of the Chamber of Commerce quarters to provide for the inauguration of luncheon service in connection with the activities of the Chamber of Commerce. Meals have been served to subsidiary organizations and committees of twenty-five or more. The service has been

furnished by an outside caterer at no expense to the Chamber of Commerce, except when the number in attendance has fallen short of the guarantee.

Retail Shoe Selling Group The Retail Shoe Selling Group of the Retail Stores Association planned and successfully conducted the Convention of National Shoe Retailers Association, January 8, 9 and 10, 1917.

General trade conditions were also improved by extending date of clearance sales, avoiding use of comparative prices and eliminating all fraudulent advertising.

The Group designated May 24 as "Low Cut Shoe Day", on which date all shoe stores strongly advertised low shoes.

A dinner was also arranged at the Hotel Gibson on December 4, which was the largest gathering of local shoe men ever held in Cincinnati.

Retail Trade During the past year the Retail Department, through the Retail Stores Association, has eliminated several phases of lost motion resulting in the saving of thousands of dollars for the merchants of the city. The greatest undertaking was the adoption and enforcement of the rules recommended by the Commercial Economy Board of the Council of National Defense. These provided for the restriction of the return goods privilege to three days, the curtailment of retail deliveries to one a day, the carrying home of small parcels by the purchaser, and the classification of certain kinds of merchandise as non-returnable. The profit accruing to the Cincinnati retail stores from the adoption of these rules, as indicated in the saving of men, equipment and money, was considerable.

The subsidiaries of the Retail Stores Association, the Retail Shoe Selling Group, Retail Clothing Group, Retail Hat Dealers' Group, also benefited from the specialized organization of men engaged in the same line of business. Such questions as clearance and special sales, standardization of merchandising methods, and co-operative treatment of the evils common to the trade were handled successfully.

The Association rendered considerable assistance to the Government in the way of stimulating enlistments, advertising the Liberty Loan, Red Cross and Food Conservation campaigns by devoting part of the advertising space of its members to these various movements.

Second Hand Dealers The Committee on Legislation gave consideration to a bill pending in the Ohio General Assembly, relating to penalties against second hand and junk dealers, and upon its recommendation, the Board of Directors approved the same and urged passage of the bill, which was enacted into law.

Shoe Factories Owing to the shutting down of Lynn, Mass., shoe factories, due to labor troubles, the Civic and Industrial Department prepared communications to the concerns located at Lynn in an effort to

interest them in Cincinnati as a location for their business. The Manager of the Department went to Lynn and talked personally with the manufacturers in an endeavor to secure these industries for Cincinnati, but owing to the unsettled conditions and high prices of all manufacturing materials, the shoe men would not consider any removal of business until normal conditions prevail.

Smoke Abatement Owing to the unsatisfactory fuel conditions, which made it practically impossible to obtain the proper kind of fuel during the winter, the Smoke Abatement Committee was unable to proceed with the work which it had mapped out. However, the committee has co-operated with the city smoke inspector and the United Smoke Prevention Bureau of the city in every way possible. In co-operation with others interested in smoke abatement the committee arranged for lectures and meetings for firemen and engineers.

Social Center Council As an aid to the further development and guidance of the Social Center activities connected with the public schools, the Superintendent of Public Schools organized the Social Center Council, composed of representatives of the various social and civic organizations of the city interested in this work.

The Board of Directors appointed the Rev. Dr. David Philipson to represent the Chamber in the Council. This Council acts with the Superintendent of Schools, and his representatives, in an advisory and administrative capacity in all matters affecting public school Social Center activities, subject to the approval of the Board of Education. Our representative conveys to the Council and to the school authorities the point of view and policy of the organization with reference to social center matters.

Social Insurance Upon recommendation of the Committee on Social Insurance, the Board of Directors adopted resolutions urging the passage by the Ohio General Assembly of the law providing for the appointment of a Commission for the study of health and old age insurance.

Social Unit The Manager of the Civic and Industrial Department became chairman of the Statistical Committee of the National Social Unit Organization, a member of the Committee on Organization and Constitution, and later a member of the Occupational Council.

Spanish Course The High Schools were desirous of changing the Spanish course to a more practical one, including business letters in Spanish, reading of commercial magazines, etc. Assistance was given to the teacher in charge of this work by the Foreign Trade Department.

Subsidiary Organizations During the year the following subsidiary organizations were admitted to the Chamber of Commerce, their rules and regulations having been approved by the Board of Directors in accordance with the provisions of the by-laws:

The Brick Club, which was organized on July 25th by the Trade Expansion Department, with seven active and five associate members, representing seven Cincinnati firms dealing in face brick.

The object of the organization is to promote friendly and cordial relations among its members and their business associates, to increase the demand for their product and improve generally the business methods of this industry.

The Club attended the convention of the Face Brick Dealers' Association of America in a body.

The Theatrical Managers' Association, which comprises the managers of all the legitimate theaters in this city. During the past year most of their efforts were devoted to patriotic enterprises, such as turning over their theaters to patriotic projects from time to time. arranging patriotic programs, and permitting the "four minute men" to speak at all evening performances.

Several labor differences were settled by the association to the satisfaction of both parties concerned.

Taxation The Committee on Taxation gave serious consideration to the subject of amending the taxation laws of the state and subsequently the Board of Directors concurred in recommendations of this committee as follows:

That the Smith one per cent law be amended so as to limit the authority of the city in the issuance of bonds to three quarters of one per cent in any one year instead of one per cent.

That House Bill No. 177, pending in the General Assembly, be amended by excluding partial assessments and the requirement for enlisting mortgagees, and the substitution of the recorder for the auditor in the Reviewing Board.

Tenement House Inspection At the request of the Industrial Welfare and Housing Committee, the Board of Directors adopted resolutions urging the Mayor of Cincinnati to cause to be appropriated the sum of thirty thousand (\$30,000.00) dollars for the year 1918 for use of the Tenement House Inspection Department.

Textile Sewing Trades Association Steps have been taken by the Association to inform members as to the work now being done by the public schools in training workers for the textile trades. The Association has published 8,000 circulars which were distributed last May among girls in the eighth grade of the Public Schools. These circulars gave considerable information regarding factory conditions with the view of increasing the number of workers who are in the industry. The Association promises well paid positions to successful graduates of the Sewing Trades School.

Tornado Fund The members of the Chamber of Commerce responded generously to an appeal made by President Shinkle for the relief of persons whose homes in Hyde Park were wrecked by a tornado in the month

of March. Approximately \$2,000 were subscribed to this fund, in addition to contributions made by the members to the fund of the Citizens' Relief Committee, of which Mr. Myers Y. Cooper was chairman.

Trade Expansion The Trade Expansion Department cooperated with United States quartermasters and cantonments in order to have Cincinnati firms bid on their requirements.

The department also established an exchange for machinery firms, wherein those firms which have contracts to sub-let are put in touch with those firms who desire to take on sub-contract work.

Approximately 950 domestic trade inquiries were handled by the department during the year.

Trade Rules Upon recommendation of the Grain and Hay Exchange, the Board of Directors amended the rules covering commission charges on wheat, rye, ear corn, shelled corn, oats and mixed cars, establishing a flat commission of three-quarters of one per cent of the gross amount and minimum charge per car.

In addition, the various trade rules for the government of the several lines of trade represented in the membership, were amended.

Traffic Transportation conditions during the past year were generally unsatisfactory, due to the unprecedented tonnage offered for shipment and the inability of the carriers to meet fully the demands thus made upon them. The situation finally resulted in the control of all railroads by the Federal Government, under the orders of a Director General appointed by the President.

As a consequence of the unsatisfactory conditions which continued throughout the year, the Traffic Department was required to devote its time and direct its activities to earnest and sustained efforts toward aiding carriers and shippers to secure the most efficient use of transportation facilities, thereby obtaining for the public the maximum amount of transportation service possible; under the circumstances.

Some of the movements designed to improve conditions which were earnestly supported by this department in cooperation with the railroads, commercial organizations of other cities, and the State and Interstate Commerce Commissions, were the heavier loading and more prompt loading and unloading of freight cars; increased demurrage charges to serve as penalties against those who unnecessarily detained cars, and other measures of similar character. The adoption and enforcement of these various expedients required considerable time and study and called for many conferences with the representatives of the shippers, railroads and the commissions.

The general congestion of freight resulted in innumerable embargoes and other restrictive measures, and as these were changing frequently it was necessary for the department to be constantly alert in order to aid the members in

finding channels open for the movement of their shipments. The department also aided in procuring an adequate supply of empty freight cars during the various periods of freight congestion.

In an effort to meet the increased costs of operation, the railroads undertook to secure greater revenues, both by general horizontal increases in rates and by numerous minor changes in charges, rules and regulations. Some of these changes were considerably modified before becoming effective, while others were suspended pending investigation by the commissions; and the department was required to keep posted with respect to all of these matters in order to be in position to render the necessary advice and assistance.

The department rendered considerable service to the Federal Food and Fuel Administrations, and the manager was designated as a special representative of the Quartermaster General to perform special specified duties. The manager was also re-elected to the presidency of the National Industrial Traffic League and to the chairmanship of the Executive Committee of the Ohio Shippers' Association. By virtue of these offices he has continued to have an important part in the consideration and disposition of all transportation questions of general interest to the shipping public.

Traveling Men The Cincinnati Traveling Men's Association, which is affiliated with the Chamber of Commerce, gave a minstrel show at the Emery Auditorium on February 25, 1917, and also subscribed \$500.00 to the Liberty Loan.

Uniform Grain Trade Rules Upon recommendation of the Grain and Hay Exchange, the Board of Directors approved the suggestion of the Council of Grain Exchanges in which the Chamber of Commerce holds membership, that the council cooperate with the National Grain Dealers' Association for greater uniformity on trade rules.

Union Passenger Station The Chamber of Commerce having taken an active part in the passage of enabling legislation for improved transportation facilities for the city of Cincinnati, the Board of Directors was quick to take steps toward the early construction of a Union Passenger Station. To this end a special Board meeting was held in conjunction with the representatives from the Cincinnati Southern Railway Officials, Trustees of the Sinking Fund of the city, and the Vice-President of the Cincinnati, New Orleans and Texas Pacific Railway. As a result of this meeting, a resolution was adopted in which the Ohio Legislature was urged to pass an act which would authorize the trustees of the Cincinnati Southern Railway to enter into an arrangement with the other railroads entering the city for the building of a Union Passenger Station by the various roads. Toward the close of the session the Legislature enacted the necessary law.

Universal Military Training Since a break in the diplomatic relations with the German Empire pointed to the United States becoming involved in the European struggle, and in view of the unpreparedness of the United States for participation in such conflict, the Board of Directors adopted the following resolution:

WHEREAS, It is the sincere belief of the Board of Directors of the Cincinnati Chamber of Commerce that this nation, in order to make more sure and safeguard the Republic against foes, should make every proper preparation for National Defense; and,

WHEREAS, No adequate training of Military and Naval preparation is complete without recognizing the value of man preparation and military training; therefore, be it

RESOLVED, That it is the sentiment of this organization that the principle of universal military training be adopted by the United States, its Government and people, under the application of which the nation will have available an effective reserve force for both Army and Navy; and, be it further

.RESOLVED, That this association will use its best endeavors to expedite the proper completion of an adequate program which shall accomplish a conservative system of universal military training in this country.

Waterways The Chamber of Commerce, through its Committee on Waterways, its Committee on Canal Improvement and its Board of Directors, in line with its previous policy, conducted a vigorous campaign for the early completion of the improvement of the Ohio River and the rehabilitation of the Miami and Erie Canal, the Chamber taking the view that, as a military measure, the immediate improvement and development of these arteries of commerce stand paramount.

It is proposed to enlarge the Miami and Erie Canal to a depth of twelve feet, so as to connect with the Michigan and Erie Canal at Defiance, thus enabling barges of large tonnage to carry freight from the Great Lakes to ports on the Ohio and Mississippi Rivers and thence to the Gulf of Mexico, and also from these latter ports by way of Lake Erie and the New York Barge Canal to New York City.

In this connection, the Board of Directors passed a resolution directing the Canal Improvement Committee to present to Congress a resolution or bill providing for the appropriation of a sum sufficient to enable the War Department to make a survey for the purpose of determining the feasibility and practicability of the proposed construction.

Webb-Pomerene Bill Passage of the Webb-Pomerene Bill, allowing exporters to combine for the purpose of competing in foreign markets, was diligently urged by the Chamber of Commerce throughout the year. This involved the expenditure of considerable time and effort by the Foreign Trade Department and the Chamber of Commerce as a whole, and also by the exporters of the city.

Numerous letters and telegrams were sent to the Senators and Representatives of this district, urging their support of the bill, and assurance was given by Senator Harding that he would support it "unless some objectionable feature is brought to light during its discussion.

The bill passed the House of Representatives twice, also the Committee of the Federal Trade Commission, and is now pending before the Senate. Indications for its passage in its present form are very favorable.

Weighing The Weighing Department presents the following report for 1917:—

| | |
|--|--------|
| Scales inspected, tested and repaired..... | 5,732 |
| Scales cleaned and adjusted..... | 28 |
| Scales condemned..... | 44 |
| Total number of cars weighed..... | 33,011 |

The services of this department are available to all members of the Chamber of Commerce needing assistance in the weighing of cars, and inspection, testing and repairing of scales.

During the past year the department rendered very satisfactory service to the U. S. Government in numerous ways, i. e., weighing, furnishing information regarding weights, and locating bonded cars which came under the department's jurisdiction.

THE CHAMBER OF COMMERCE AND THE WAR.

The Cincinnati Chamber of Commerce was among the first commercial bodies of the United States to endorse the action of the President of the United States in severing diplomatic relations with the German Empire, and in pledging fullest and most loyal support to the President in resolutions which were forwarded to the President, the Senators from Ohio, and the members of Congress from this district.

Immediately after the declaration of war, upon resolution of the Board of Directors, the following telegram was forwarded to the President:

Cincinnati, Ohio, April 6, 1917.

To Hon. Woodrow Wilson,
President of the United States,
Washington, D. C.:

The Board of Directors, representing the three thousand members of the Cincinnati Chamber of Commerce, in special session today, offers you the services of our organization in this time of national war preparation. Our offer of service is based upon our knowledge of the capacity of our working force and its desire to aid the government of the United States in every manner possible. We place at your disposal twelve distinct departments, with employees trained in commercial and public work, particularly our railroad traffic, foreign trade, wholesale and retail trade expansion, industrial, civic, publicity and commercial exchange departments, each managed by specialists. Any or all of these may be the means of procuring or dispensing information or of serving the government in any way you may direct. We are already in active co-operation with the Federal Departments of Commerce and Agriculture, and with the Quartermasters of the army and navy. Our members and our employees will esteem it the highest privilege of serving the nation and are prepared to obey your commands forthwith.

A. Clifford Shinkle, President."

War Council Following the declaration of war against the German Empire, the Chamber laid out a definite plan of organization and procedure for the "Cincinnati Defense League", including nine divisions, as follows:

MILITARY
TRANSPORTATION
EMPLOYMENT
MANUFACTURING
FOOD PRODUCTION AND DISTRIBUTION
DOMESTIC ECONOMY
RED CROSS
SOCIAL SERVICE
FINANCE.

Before this plan could be placed into effect, the Mayor announced the proposed organization of a "War Council."

The plan was taken over by the city and in general adopted as the plan of the War Council, organized by the Mayor. According to it, all war activities with the exception of campaigns for funds, were to be centered in the War Council.

Home Guard Early in the spring the Chamber of Commerce recognized the need of a local defense force following the absorption of the Ohio National Guard into the National Army. The organization of a home guard was begun, but soon the Mayor of the city undertook a similar enterprise. On May 8, Council passed legislation providing for commissioning of citizens as policemen. The War Council in its plan of organization included defense as one of the functions, and called upon the Mayor to act under the ordinance just mentioned. He appointed Colonel Charles F. Hake, Jr., commanding officer, and authorized the military organization of a home guard. A. Clifford Shinkle, president of the Chamber of Commerce, was commissioned Lieutenant Colonel.

The Chamber of Commerce, through its president, undertook to finance and equip the regiment and maintain and furnish headquarters. By July 7, twenty-two companies had been organized, which number had been increased to twenty-eight by the end of the year with a total enrollment of 2,557 men including officers.

The Home Guard is fully uniformed in gray khaki, and equipped with Springfield rifles and 100,000 rounds of ammunition. The expense of the equipment exceeds \$40,000, which sum was borrowed by the Chamber for that purpose, to be repaid just before the close of the year from voluntary contributions. In addition to the companies of infantry, there is a machine gun platoon with guns and side arms, two latest Browning patent colt automatic guns firing U. S. service ammunition and an eight cylinder semi-armored motor car. There also are an equipped hospital unit, regimental and battalion bands.

All of the companies drill faithfully twice weekly, the attendance at drills being from 70 to 80%. They also have the advantage of range practice at Camp Procter, on such occasions the attendance has been 90%, with fine marksmanship records.

The mobilization system is thorough and completely organized. For every squad two automobiles furnished by the members are available. One of these is known as a substitute car subject to service in case of accident to the other. The owners of these cars have agreed not to take them out of the city at any time, and also to keep at all times ten gallons of gasoline in their garages.

The Home Guard has been fortunate in having the Chamber of Commerce to provide its equipment. It is also fortunate in having it to provide headquarters, since the Chamber is peculiarly equipped to meet the exacting demands for quick and efficient service that is needed in such an organization.

War Gardens The War Gardens movement developed a dozen or more different activities, including that of the city and some of the larger

organizations, all working more or less at cross purposes. The Chamber called these together and coordinated them under a Food Conservation Committee, and placed the County Agricultural Agent in cooperation with the Committee with special assistants procured from the Ohio State University Agricultural Department, thus bringing together intelligent agricultural activity of the entire county, including both farms, home and school development. The headquarters of the County Agent has been established in the Chamber of Commerce.

River Improvement as Military Measure The movement was launched along the entire Ohio River for the hasty completion of its improvement as a war measure. This policy was urged upon Congress, and has been taken up by the War and Commerce Departments with prospect that practical results will be obtained.

Liberty Loan The Liberty Loan Committee was organized in the Chamber by T. J. Davis, Chairman of the Banking and Currency Committee of the Chamber of Commerce, and president of the Cincinnati Clearing House Association, and the administrative work was done by this organization. resulting in an oversubscription of 92%.

The second Liberty Loan campaign in October resulted in an oversubscription of \$31,000,000 for Cincinnati.

Red Cross In the drive for 30,000 memberships for the Red Cross, resulting in procuring 62,000 members, as well as in the \$1,000,000 campaign, in which Cincinnati raised 70% more than its quota, the facilities of the Chamber of Commerce were utilized in the organization and launching of the campaigns.

Motion Picture Exhibitors The Motion Picture Exhibitors' League of the chamber of Commerce assisted in the success of the Liberty Loan, the Red Cross campaigns, and Army and Navy recruiting, by furnishing free use of its screens. During the second Liberty Loan campaign the League brought to Cincinnati Marguerite Clark, famous motion picture actress, to give greater publicity to the campaign and stimulate the sale of bonds. Miss Clark sold one million dollars' worth of bonds.

The League also permitted the "Four Minute Men" to speak in the theatres of its members, and booked several patriotic films.

Intercollegiate Intelligence Bureau The manager of the Civic and Industrial Department of the Chamber of Commerce has been appointed secretary of the Cincinnati (district) Committee of the Intercollegiate Intelligence Bureau, the headquarters of which are in Washington. The functions of this committee may be described briefly as follows: (a) To investigate the ability, reputation and association of any one desired for special work by the Government in order to make sure of fitness and loyalty; (b) to assist in discovering for the Government men in various occupations who could

be induced to leave their work in special cases where their ability is particularly desired by the Government; (c) to make any investigation of local conditions which may be desired in connection with war problems here and in Washington.

The Cincinnati committee has been highly successful in its efforts to aid the Bureau. A letter received from the secretary at Washington states that "the Cincinnati branch is the most efficient one in any of the big cities of the country."

The committee has received fifty separate calls from the Bureau headquarters. In response to these calls, more than 1,000 persons interested in the work have been interviewed, and 193 applications forwarded to Washington up to the close of the year. Eighteen men are known to have received commissions ranking from second lieutenant to major, inclusive, as a result of applications sent from this office. It is understood that the above number does not include men who have received civilian appointments, of which no full record has been obtained by the local committee, but which number perhaps about one hundred.

Civilian Personnel Division, Ordnance Department Beginning the latter part of November, the Civic and Industrial Department also rendered valuable service to the Civilian Personnel Division of the Ordnance Department, which is charged with recruiting civilian employees, usually people with technical qualifications. Many applications were secured by this department and forwarded to the Division.

Fuel Administration During the latter part of October the Ohio Fuel Administration appointed the Advisory Committee for Hamilton County, composed of Albert Bettinger, C. L. Harrison, R. K. LeBlond, A. Clifford Shinkle, W. F. Wiley and C. R. Hebble. At a subsequent meeting of the committee, Mr. Bettinger was elected chairman and Mr. Hebble secretary.

Headquarters for the Local Fuel Administration were established in the Chamber of Commerce, which was charged with the administration of the work. Several clerks were employed, and the secretary immediately took steps to investigate the local fuel situation, to ascertain the needs of the several communities in the Cincinnati district, and to secure the cooperation of the dealers in procuring data for the purpose of fixing fair prices to the consumer.

The committee officially fixed margins of profit on coal, i. e., differences between cost to retailer and delivered prices to consumers.

The unusually severe weather toward the end of the year, and the consequent frozen condition of the Ohio river and congested railway terminals caused a serious shortage in the coal supply. The secretary and his assistants were continuously active in their efforts to relieve the suffering resulting from these conditions, and to enforce the orders of the National Fuel Administration. The secretary attended several conferences in Washington, and has kept in constant communication with the Federal Fuel Administration, his efforts resulting in the diversion of sufficient coal to this vicinity to meet the local requirements.

THE WAR AND ITS INFLUENCE ON PATRIOTIC ACTIVITIES OF THE COMMUNITY

The entry of the United States into the great World War as a belligerent in April had the immediate effect of not only arousing the martial spirit of the people generally, but also quickening and crystallizing their patriotism.

Obviously the first step to be taken was the creation of an adequate fighting machine, by increasing manifold the army and navy, which as they then stood, formed but a nucleus of the vast military force that would be required to represent effectually the nation in the mighty conflict. The regular army, though efficient and dependable, was pitifully small. The same was true of the navy. These were rapidly augmented by a steady stream of enlistments. The national guard in the various states, including the First Regiment O. N. G., formed of men of Cincinnati and vicinity, enlisted in a body. It was soon found, however, that the increase by such means would not suffice to furnish quickly the military strength to make the nation a determining factor in the war. Then it was that a selective service or draft plan was proposed and after considerable debate, was adopted. This provided that all able bodied male citizens from 21 to 31 years of age would be subject to call for service; and a great National army thus formed.

Many military camps or cantonments of a permanent character were soon prepared for the occupation and training of the troops. Most of the divisions formed from the National Guard were sent to Southern camps for training, while the selective draft men were assembled in Northern cantonments.

Cincinnati and Hamilton County contributed their full quota of troops. The number enlisted was relatively so large that the number to be furnished under the selective draft in June was correspondingly reduced.

Most of the enlisted men from Cincinnati were quartered at Camp Sheridan, near Montgomery, Alabama; while those called under the selective service law were mobilized at Camp Sherman, near Chillicothe, Ohio. Scores of Cincinnatians—college, business and professional men—entered the officers' training camps at Plattsburgh, N. Y., and near Indianapolis, Indiana, and scores more applied for, but for various reasons were unable to secure, admission. The desire to participate in active service was not confined to young men but extended to many of middle age.

Of but slightly less importance to the success of the war than the fighting men themselves, were the citizens behind the guns—the noncombatants—those who because of age, physical condition or other sufficient reason, could not be accepted into army or navy and had to be content with assisting the cause in other ways.

Obviously so great an undertaking as creating, transporting, equipping and maintaining vast military forces, could only be accomplished at a tremendous

monetary cost. This must be borne by the people as a whole. How to raise the billions of dollars that would be required, was the question. Was it better to do this by bond issues, or by taxation, or both? The last mentioned plan was adopted, the bond issues to provide about sixty per cent. of the war fund, and taxation the remainder.

Taxes were levied on incomes, inheritances, excess profits, luxuries and many things affecting the daily life of the average citizen, yet designed to fall heaviest upon those best able to bear them.

The first war bond offering, known as the first Liberty Loan, was in May and the aggregate face value of the bonds was (\$2,000,000,000), based on 10 per cent. of the gross bank deposits throughout the country. Of this amount, the quota for Cincinnati (Hamilton County) was \$17,170,000. This seemed an enormous sum to realize, especially as the interest rate was but $3\frac{1}{2}$ per cent., while the rate on substantial bond and stock investments in the municipal and industrial fields ranged from $4\frac{1}{2}$ to 7 per cent.; but the emergency brought forth such patriotic enthusiasm for the cause that when the campaign ended the total amount subscribed was \$32,824,750, or more than 187 per cent. of the quota, divided among approximately 25,000 purchasers. The subscription for the whole nation was about 150 per cent. of the offering.

A second war loan of three billion dollars was offered in October. The quota for Hamilton County was fixed at \$21,118,400. The subscriptions in the county for this loan totaled \$52,224,250 or nearly two and a half times the offering, as against about one and a half times for the whole country, and the number of subscribers in the county was 58,674.

The work of the American Red Cross had attained vast scope and importance. This great organization, though acting under Government supervision, is entirely independent of Government aid financially. On the contrary the Government is dependent upon its activities for war relief of all kinds and these activities are made possible only through volunteer subscriptions of money and devotion of time and labor by public spirited and patriotic citizens throughout the country.

Its work is carried on under two general departments. The first is known as the Department of Military Relief. Its functions, briefly stated, are to furnish volunteer aid to sick and wounded soldiers and to act as a medium of communication between the people and the Army and Navy. It equips and manages hospitals and furnishes physicians, nurses and supplies.

The second is the Department of Civilian Relief, whose functions include the care of the sick and distressed in families of men in the military service, giving them information and advice in all business matters affecting their welfare where necessary, ministering to their comfort in various ways and rendering material aid in cases of need; also in caring for sick and disabled soldiers who have returned to their homes.

In June Cincinnati and vicinity, called upon to raise \$1,000,000 towards the National Red Cross total fund of \$100,000,000, subscribed within a week \$1,663,018.22. In December a membership drive was launched, resulting in a total membership of approximately 100,000.

The Cincinnati Red Cross Chapter, made up for the most part of women, many of them devoting nearly their entire time to the work, and most of them rendering gratuitous service, achieved magnificent results, much of which was accomplished within the last four months of the year.

Among other things it furnished 557,003 surgical dressings and patients' clothing, 38,405 knitted articles (of which 7,620 were sent to the nearest cantonments), and 4,846 miscellaneous articles, including Christmas boxes and comfort kits. It organized, equipped and enlisted a complete base hospital unit with an exceptionally efficient staff.

In its work of civilian relief 330 investigations were made. This involved 1,165 home visits and 411 office interviews. A total of 210 trained nurses were enrolled, five of whom were sent to France and 22 to U. S. cantonments. A speakers bureau was maintained, and many other activities were engaged in.

Besides the main chapter there were 14 auxiliaries and 122 independent units, representing separate communities and organizations.

All Red Cross Chapter Committee meetings during the year were held in Room 312 of this Chamber; and the lectures for the Institute and the Chapter course were given in Room 313.

The Red Cross and its activities have been considered in some detail, not only because of the splendid, thorough work done, but also and chiefly because it has been accomplished almost altogether by patriotic women, thousands of whom in this city and environs have devoted their time and energy freely to the movement month after month with the sole desire of "doing their bit" for the cause.

The Junior Red Cross was organized in the month of November, the idea being to interest the children of all the schools, public, private and parochial, in such work as they could do. The children entered into the work with zest and the results were remarkable. Among other things, these youthful patriots contributed hundreds of knitted garments, even the boys sharing in this work.

The noble uplift work of the Y. M. C. A. was carried on most energetically in Cincinnati, and many of her well known citizens have given up lucrative business and professional careers during the war in order to render service, either overseas or in the camps at home. Cincinnati's pledges in 1917 for the Army Y. M. C. A. amounted to a total of \$800,000.

Catholic societies of Cincinnati, particularly the Knights of Columbus, have been untiring in promoting and financing recreational and social work among the soldiers and have thus helped to soften the severity and monotony of the camp life routine.

Due praise should be accorded the hundreds of professional men, doctors, dentists, lawyers, teachers and ministers, who rendered valuable service to the draft boards and as "Four Minute Men" and those who aided in various other ways, notably in the Home Guard movement. This organization, consisting of men over the draft age and comprising some of the city's best known men, has rendered much valuable and patriotic service.

Although the tremendous campaigns for the sale of Thrift and War Savings Stamps were not regarded as part of the activities of 1917, inasmuch as the first campaign was scheduled to begin in January, 1918, yet the December, 1917, holiday period afforded too good an opportunity to be neglected to enlist the services of the boys and girls and a fine start was made.

Many other patriotic manifestations might be mentioned, but suffice it to say that in all such activities Cincinnati has occupied an advanced position, leading many of the other large cities as to one feature or another; and when it is remembered that of the total population of the city, about one-third were of German birth or parentage, Cincinnati's remarkable record of patriotic achievements during the year may begin to be fully understood and appreciated.

Cincinnati has shown itself to be a great American city, its citizens responding promptly and enthusiastically to all patriotic impulses, and contributing willfully of money and service to the call of our country.

THE WORLD WAR

On April 6, 1917, the President issued a declaration of war against Germany.

Within eighteen days after the declaration of war, President Wilson had signed the bill authorizing the first issue of Liberty Bonds and providing for loans to the Allies.

On May 4, 1917, twenty-eight days after the declaration of war, American destroyers arrived at a British port to assist in patrolling European waters.

On May 7, 1917, Congress authorized the building of cantonments and selection of sites therefor. Active construction began on June 15, and ninety days after the first cantonment was begun the first selected men entered their new quarters.

On May 18, 1917, the Selective Draft bill was approved and on June 5, the entire male population of the United States within the draft age was registered.

On May 22, 1917, steps were taken to increase the strength of the Navy and Marine Corps.

On June 15, 1917, General Pershing and his staff arrived in France.

On June 15, 1917, the Espionage bill became law, and on that day also the largest appropriation act in history was signed by the President, providing for three and a quarter billion dollars for war expenses. This included \$405,000,000 for an emergency shipping fund.

On July 3, 1917, the first division of American soldiers arrived in France. American troops went into active service on the firing line 187 days after war had been declared.

On July 24, \$640,000,000 for the construction of aeroplanes had been provided.

On August 10, the Food Survey and Food Control bills went into effect.

The act providing for a Federal Fuel Administrator was approved August 23, 1917.

The bill providing for a second bond issue to meet war expenditures and to extend further credit to the Allies, was enacted into law by September 24th.

On October 6, 1917, (the closing day of the first session of the War Congress, which had assembled on April 2), the Trading With The Enemy Act, the Soldiers and Sailors Insurance statute, and another act providing for an appropriation of \$5,356,666,016, were approved.

On December 28, 1917, the Government assumed control of all the railroad systems throughout the country.

COMMERCIAL AND INDUSTRIAL REVIEW.

A review of business in Cincinnati for the year 1917 is not easy to prepare. For the city, like the entire country, has been passing through a period of readjustments brought about by war conditions. The uncertainties of the future relations of the United States to the conflict, were faced the first of the year. The greater uncertainties resulting from our declaration of war against Germany, were sufficient to unsettle business. But the re-making of the relations between the business man and citizen and his governmental machinery along entirely new and unexpected lines affected the whole business structure in ways not anticipated.

Governmental fixing of prices on essentials such as wheat, coal, sugar, flour, steel, pig iron; the constantly mounting prices of all commodities; the control of the production and distribution of such commodities; the selective draft law by which all males of 21 to 31 years were registered on a single day, practically without disturbance and opposition; the withdrawal of a great army from civil life; the increased taxes; the large government loans; the enormous stimulation of manufacture of articles of war, these are typical of the unusual influences that affected the business and social status.

The almost spontaneous response of all people to patriotic stimuli, the entire country standing as one man against the enemy, the offer of manufacturing establishments at the price of destroying in a large measure, or entirely, business connections built up through many years and at great expense; the offering of personal service without pay by the biggest and best of men; these things give us cause for congratulation.

The business status of the year 1917 has been determined by conditions incident to the three years of world war, and our later entrance as a belligerent.

Volume The general effect of the war on the industrial and commercial establishments of Cincinnati has been a large increase in business, except in some lines representing articles that might be classed as luxuries or not needed directly or indirectly for war purposes.

Lines which depend for their demand largely upon the needs of new business ventures have suffered because of general hesitancy to start new enterprises. This, of course, would not apply to those business houses which have supplied new enterprises launched for the purpose of manufacturing war materials. But Cincinnati's contribution to war needs has been made through adapting existing business establishments to war demands rather than building up new organizations for that purpose. There were no organizations effected in 1917 for the purpose of manufacturing munitions or even other special war commodities. However, additions to existing manufacturing plants were built in many cases, and by the end of the year our establishments were producing a really amazing variety of articles for war purposes, sold directly or indirectly either to our Government or to our Allies. A partial list of such articles is as follows:—Air compressors for destroyers, alcohol, asbestos products, ambulances, auto trailers, aeroplane

parts, auto trucks, ambulance boxes, auto tops, augers, anchors, asphaltums, alloy, airplane stampings, automobile lamps, aluminum, adding machines, baking equipment, bedding, bread boards, brass castings, bags, burlaps, boxes, buffs, Babbit metal, Browning ammunition boxes, boilers, billets, bends, collars, carbide lights, carbon paper, copper apparatus for chemical plants, crucible brick, clamps, candle machinery, castors, carbon cutting gas, cutting machines, concrete mixers, concrete block machinery, chlorinated lime, concentrated lye, copper pipes, clutches, dyes and pigments, drill presses, dippers, enamel, engine lathes, electrical generators, electrical insulating materials, epsom salts, ejectors, electrical switchboards, envelopes, elevators, furnaces, frogs, flour, flags, field desks, field kitchens, field tables, food containers—tin, fire brick, felt, gun slings, glycerine, gray iron castings, ground caustic soda, gate valves, gun barrel indicators, gears, gas holders, harness, haversacks, halters, holsters, hand carts, heating furnaces, hangers, hydrogen, hospital gowns, horse collars, inks, injectors, jumpers, kitchen outfits, leather hones, lumber, lathes, lavatories, leggins, laundry presses, linings for ranges and ovens, machine tools, machine tool accessories, medical chests, marine engine work, metal stampings, metal cleaning machinery, motors, nurses' uniforms, overalls, oil burners, oxy' acetylene outfits, office desks and tables, oxygen, paper for wrapping shells, paints, pumps for destroyers, portable electric drills, paper boxes, pillows, photographs, paint dryers, preservatives for leather, polishing wheels, planers, pulleys, purifiers, railroad switches, railroad track with wire, roofing, rear gunner seats for DeHaviland 4 planes, ranges, red oil, radial drills, radiator valves, strap leather, saddles, signal wagons, shells (forged), sand ballast outfits, soap, shell box shooks, shapers, skids, steel castings, sheet metal working machinery, solder, stearine, switch stands, searchlights, slabs, sterilizers, scrubbers, toilet sets, timers, typewriter ribbons, trailer trucks, truck bodies, thimbles, tent guards, uniforms, varnishes, vehicle top hardware, wood working machinery, water closets, wooden ammunition boxes, water analysis boxes, well boring outfits, wirebound boxes, wheels, woolen socks, wooden plugs and wedges, wire rope clips, white lead, woolen shoddy, water columns, X-ray cabinets.

Costs Rapid increases in costs of raw materials and uncertain wage levels have
and made it particularly difficult for manufacturers to name prices on their
Prices products in advance of their manufacture. Indirectly this has contributed to considerable difficulty in finding correct costs after manufacture. These conditions have had a tendency to raise prices beyond the limits that might be expected as a result of increased costs of raw material and labor, for manufacturers in naming selling prices in advance of manufacture have attempted to make themselves safe by allowing ample margins for profit. But even in spite of such care, rapid upward fluctuation in cost of raw materials has frequently more than eliminated what was thought to be a safe margin.

The heavy increases in material and labor costs have eliminated fixed retail prices in many lines where retail prices formerly had remained on the same level throughout rise and fall in cost of manufacture and in price to the retailer. The

result has been that this year retail prices on such lines have followed more closely the fluctuation of manufacturing costs.

The average increase of cost of raw material reported on the business questionnaire was 33%, of labor 17½%, of selling prices 27%.

The great increase in cost of labor and material has resulted in the introduction of substitutes and consequent elimination of manufacture of some articles.

Profit This increased business has not always carried with it a corresponding increase in profit because in some lines the advance in volume of sales with increased prices has been offset to a large extent by greater proportionate increased cost of nearly every item of expense. Many have transacted their business at a loss. This is true more especially of the small manufacturer, who has not found it possible to secure the added capital necessary to carry an increased volume of sales due to higher prices for his product; this made necessary an actual restriction of output, and finally a decrease of profits, though demand was brisk and prices good enough to bring profits to competitors who were financially able to take care of increased business.

Transportation Lack of transportation facilities was a much larger factor in the difficulty of doing business than insufficient labor. Every business establishment has suffered because of slow delivery of raw material and finished goods, inadequate car supply and general shortcomings of railroad service. In some lines the demand for products has been so far ahead of possible supply that goods have been billed before they have been shipped.

The very frequent, in fact common delay in delivery of mail due to congested railroads also has had its effect on business.

Labor Labor became increasingly scarce as the months passed by. The entrance into the army and navy of large numbers of young men, both as volunteers and in the selective service, and greatly increased activity in manufacture made a draft on labor that has been severely felt in all lines of business. Labor cost became greater as a consequence, and the year closed with scarcity of help and high wages.

Cincinnati, unlike most other cities, has not experienced great new factory development for the manufacture of war materials, so that, though labor has become scarce, it has not become so much so as in other large cities located in the eastern section of the country.

Much of the material for this report has been compiled from a questionnaire sent to a list of representative manufacturers in different lines of business. The questions in regard to labor were answered by 141 as follows:

- 33 satisfactory.
- 47 fair.
- 44 scarce.
- 17 poor.
- 28 failed to report.

In view of the general scarcity of labor everywhere, the 44 who reported "scarce" would have reported at least "poor" had they been badly short-handed. If the 28 who failed to report were having much difficulty in securing labor they would have been sure to answer this question. Therefore, out of these 169 representative Cincinnati manufacturers, many using highly skilled operatives, probably only 17 were feeling a real labor shortage.

The question on strikes in the same questionnaire was answered by 157, as follows:

149 no strikes.

8 strikes.

19 failed to report.

Six hundred and sixty-eight men were involved in the eight strikes recorded. The length of the strikes varied from three days to three months, as follows:

2 each 3 days.

1, 1 week.

1, 8 days.

1, 5 weeks.

1, 90 days.

1, 3 months.

1, no data given.

It can be taken for granted that the 12 who did not answer the question on strikes had none.

The questionnaire, of course, did not reveal all the strikes in Cincinnati during the past year. But the answers are truly representative of labor conditions in Cincinnati.

The average increase of wages reported by this list of manufacturers was 17½%; this figure, while it can not be taken to represent the general average of increase in wages in Cincinnati manufacturing establishments, points at least to a substantial increase in this item of expense. Of those reporting, three gave their increase at 50%; four-fifths gave increases from 10 to 25%, inclusive.

Luxuries For those who manufacture luxuries or unnecessary articles the changed economic conditions have meant keener competition, introduction of more efficient manufacturing and office methods, more intensive sales methods, a greater attention to quality and service. For those who manufacture an article for which the demand is greater than the supply, these same conditions have resulted in withdrawal of sales forces, speeding up of factory processes with more or less indifference to cost, over-working of machinery, prompt meeting of demands for increased wages.

In spite of all sales and production efforts by manufacturers of luxuries, the demand for such goods has been dropping. And the result is an increasing tendency toward readjustment of such factories for the manufacture of articles that are needed for the prosecution of the war. This tendency has been prompted also by the greater certainty of car and raw material supply for the manufacture of goods for Government use, and the prospect of early action by the Government to force labor and materials into factories doing Government work.

Collections Collections as a general thing were normal or above, with a slight tendency to become below normal in some few lines of business.

Automobiles The general condition of the automobile business for Cincinnati during 1917 was good. In fact, there were more cars sold in 1917 than in any other year, although the general trend of prices was upward. Practically all makes were advanced in price during the year. There was a slight falling off in sales at the end of the year, due to the panicky feeling over war conditions, but toward the close this feeling seemed to wear off. License tags were sold for new cars up to the end of December. From twenty-two to twenty-three thousand license tags were sold for Hamilton County, about five thousand more than for 1916.

Banking and Finance The year 1917 was notable in Financial Circles because of the beginning of the United States Government financing for war purposes.

The First Liberty Loan, which was brought out on June 15th, resulted in subscriptions in Hamilton County amounting to \$32,955,350.00 against the quota assigned to the County of \$17,000,000.00, and

The Second Liberty Loan, in October, resulted in subscriptions amounting to \$52,225,250.00 against a quota of \$21,118,400.00.

The total subscriptions of the two loans amounted to \$85,000,000.00, which is about 35 per cent. of the total banking resources of the County.

The bank clearings for the year amounted to \$2,030,181,815.00, or a gain over the preceding year of about \$300,000,000.00, which is an increase of almost \$1,000,000.00 per business day. The total bank assets in the County increased during the year about \$15,000,000.00, and the total bank deposits increased \$13,000,000.00. While this is not as great an increase as between the years 1915 to 1916, it is of importance, when considering the war financing completed during the year.

The trading on the Cincinnati Stock Exchange was considerably reduced in volume, due to the increasing firmness of the money market. Rates for money ruled firm during the year, prevailing rates being from 5 to 6 per cent., both on call and time money.

Boots and Shoes The year 1917 was one of the most eventful in the history of the shoe industry.

Cincinnati being one of the large centers for the manufacture of shoes, especially ladies footwear, experienced many difficulties in re-adjusting its working organizations, due to the large gaps in the ranks of the expert shoemakers made by the army drafts. It has been a great year for industrial education. Many of the vacancies are being filled by inexperienced female help, who are paid while learning. Competent instructors are employed to instill the fine points of the art of shoemaking in the recruit. This readjustment has had a tendency to decrease production until the educational period is past and the green help becomes efficient.

Business received by the Queen City manufacturers was more than sufficient to keep their plants running to full capacity of the labor available, and in every instance, producers have orders on their books which insure active operation for some time ahead. Many have declined to accept orders only from four to six months in advance, as the cost of leather, findings and labor is increasing steadily.

Prices will advance on all grades of shoes as the war continues. The obtaining of material for footwear construction is a paramount factor. Increased prices are constantly demanded. A great deal of our supply of raw hides for upper and sole leather is imported from South America, and as all available ships are needed to transport our soldiers with the least possible delay, and to send food to them and our allies, we must content ourselves with what supply we can secure. Our Government's need of cotton drills and ducks used for shoe linings has caused a temporary shortage of this cotton product, which is hard to secure at any price. Every item that is needed for the manufacture of shoes, from paper cartons to laces, has increased from twenty-five to three hundred per cent.

Footwear is one of the most essential products for the morale and health of our people, and while it is our Government's aim to keep our Nation well shod, we shall see many changes which are now being worked out by the War Industries Board, to conserve material.

**Carriages, Auto
Trucks and Wagons**

Conditions in this industry have been unusually good throughout the past year, and present indications point to largely increased production and sale in 1918.

Clothing There has been a larger output of clothing, in dollars and cents, in 1917, than in any previous year. This is due, in a measure, to the enhanced value of cloth, trimmings, and labor.

Aside from this, however, Cincinnati has turned out more garments than in any year of the past decade. And, while there are fewer firms manufacturing—there is a general comment that Cincinnati has lost part of its clothing industry—it is today doing a larger business than ever before, because while formerly there were more concerns in the industry, no one ever then reached the stupendous output of many houses today.

There has been a tendency to get away from the contract system, under which garments were scattered among small contractors within a radius of twenty-five miles. The small contractors seldom produced as many as one hundred garments each a week.

Aside from this concentration of manufacturers, a few houses have standardized their merchandise, which heretofore, under the contract system, has been impossible. This standardization has created a demand for merchandise from such respective firms, which had not existed heretofore.

Throughout the year there was a prevailing scarcity of labor.

Coal The shortage that existed in 1916, became more pronounced during 1917. The general opinion early in the year was that with the coming of spring there would be an increased production and reduced demand. The production did increase somewhat, as the result of better transportation conditions with favorable weather. But the demand increased instead of decreasing. In consequence, all mines that could get cars worked every day that cars could be obtained. The mines that could load coal into barges in the river in West Virginia, lost almost no time until the latter part of the year when barges became a little scarce owing to navigation conditions of the river. The only time lost by these mines was during the short period of low water. The production of river mines increased also by reason of help given by the Government engineers during low water, by releasing water behind the dams, thus forming artificial waves of sufficient depth to float barges to this market.

There was a strong market during the whole year. All river equipment was doing heavy duty, and tow boats moving coal were unusually busy.

There was a slight dullness in the market here for a short period during the summer, due to the decrease in domestic consumption. This was due principally to two causes: First: The Government had announced a price fixing policy, and some misguided publicists advised against buying until after prices were fixed, on the theory that such prices would be lower than those prevailing in the summer. Second: The Government allowed a preferential car supply for coal for shipping to lake ports; and as most of such coal had been contracted for at good prices, the movement to the lakes was strong for coal normally reaching this market up to the very time of close of navigation.

Under special law, a National Fuel Administrator was appointed by the President. Prices were fixed according to which miners shipped their coal. The local fuel administration committee fixed margins of gross profit for retailers.

These mine prices were ample for operators who were able to keep their mines fairly busy.

The year 1917 closed with severely cold weather, the river full of ice, and navigation stopped, with many steamboats and barges all along the shores of the Ohio river in jeopardy; people crossing the river on the ice, and owners of river property anxious to undertake very large expense in an effort to protect their properties.

The outlook for the coal business during the year 1918, is that it will be just as strenuous as it has been in 1917, and 1917 was a year when the coal dealer and producer had the most strenuous time of their business career.

Cotton Goods Abnormal activity prevailed in the cotton goods trade during the past year.

Shortage of cotton, excessively high prices of materials, and the increasing demand for textiles of all kinds, resulted in an upward trend of prices for the finished products.

The railroad congestion and shortage of competent help added to the acuteness of the situation.

However, collections were unusually good, owing to the abundance of money, and the outlook for the first six months of 1918 is for largely increased production and sale.

Desk Manufacturing The year 1917 was a most remarkable business year in the desk manufacturing industry.

The unprecedented demand for desks by the United States Government, as well as the enormous requirements of corporations making war accessories, made the industry operate to full capacity in all plants of the country.

Materials entering into the manufacture of desks were much advanced, and this, with advances in labor, necessarily forced higher prices from desk manufacturers on their finished product. The advances made by the manufacturers did not cover the percentage of advances in raw materials at market prices.

For the last two months there was difficulty in shipping, which it is hoped will be adjusted, so merchandise can be delivered in better time and material received with reasonable promptness.

Desk manufacturers of the country have been well satisfied with business.

Dry Goods and Notions Wholesale General conditions in this line were unusually good during 1917. Owing to the scarcity of many items of merchandise, naturally stocks were sought by the retailers from all over the United States.

Buyers from many of the largest cities in the country came to Cincinnati, which is somewhat unusual.

Prices during the year advanced considerably and even into the late fall were 200 to 300% of those of normal times.

Flour Millers The conditions prevailing in the milling business during the past year have been exceedingly unusual and the business has not been able as yet to adapt itself fully to all the changes that were necessary to be made. Previous to the establishment of the National Food Administration practically all mills bought rather cautiously, feeling that a price might be set lower than the current figure, so that any accumulation of grain or flour might result in a heavy loss. Fortunately the farmers took the view that it would be better for them not to market their wheat very heavily as they were expecting the Government to name a price much higher than the then current price, so that receipts were held back to a great extent until the Government did set a price.

While that price meant a loss to a great many mills, there was such a demand for flour that most of the mills even with the high price of wheat were able to come out whole, and some at the usual profit. Heavy sales were made by many mills, and in most cases these sales continued so that the average loss was not very great. As soon as the Government assumed control and opened up the export market, this made an unusual demand, and as the profit was assured nearly everyone made money. As a result of this, however, mills ground more steadily

during the first six months of the crop year than ever in the past. On December 24th they were notified by the Food Administration that they had ground up a good part of their allotment, this allotment being based upon the average amount used by the mills during the years 1914, 1915 and 1916. The mills were then given orders to reduce their running capacity in line with the amount of wheat that would be allotted to them for the remaining six months of the crop year. This resulted in cutting most mills down to one-quarter or one-half capacity, and this will be the program until July, 1918.

It has been necessary, as is generally known, for the Food Administration to issue certain restrictions with reference to the price of food, and this has also resulted in some confusion in the trade, but all of this has been fairly satisfactorily adjusted. In the meantime, most of the large mills in all sections of the country are making arrangements to grind other commodities, such as barley, rye, and corn. This in order to make up for the loss in their running time on account of their not having sufficient wheat to keep their flour mills busy. There is no doubt that there will be a ready market for everything that the mills can turn out, but as the notice is short and machinery houses are busy many mills will not be able to do much before the first of May.

Fruits and Produce The fruit and produce interests from January until July, 1917, had a very prosperous season—in fact, prices on all commodities continued to advance to unheard of proportions, which enabled all connected with the business—growers and handlers—to share in the general prosperity.

After July, on account of the uncertainty of railroad facilities and conditions, business reacted and more was done at a loss than at a profit owing to the fact that perishables must be handled quickly.

Under date of October 8th the President issued a proclamation, putting this line of business under Government control, which was something entirely new in this trade and because of lack of familiarity with the Government requirements most of the shippers and dealers curtailed business operations to some extent.

Groceries The condition of the grocery business in 1917 has been one hard to describe. It has been very difficult to get supplies of all kinds, partially on account of railroad conditions and the many new rulings of the Federal and State governments.

The prices of all commodities in this line advanced in the last twelve months about 20%, with the exception of sugar, flour and a number of other staples on which the Government has set a price.

The cost of doing business has likewise increased approximately 25%, so the profit for the year 1917 was less than for the years of 1915 and 1916.

Jewelry Manufacturing In spite of the fact that jewelry usually is considered a "luxury", the demand during 1917 was greater than the supply, the volume being the greatest for many years.

The unusual conditions in regard to labor, as well as material used in manufacturing this line of goods, necessarily compelled the manufacturers to advance their prices frequently.

For the ensuing year the outlook is very encouraging.

Leather Notwithstanding the increased price of hides and the decline of domestic demand, business in the leather industry increased steadily in volume throughout the year.

The large demand for leather products for the United States Government materially offset the decrease in domestic business. Orders were for larger amounts than under ordinary circumstances; collections were fairly good.

Although unsatisfactory fuel and transportation conditions and the scarcity of labor affected the industry to some extent, most firms report very satisfactory results. The outlook for the coming year is exceedingly good.

Linseed Oil The linseed oil market for the year 1917 opened January 1st at 91c and steadily advanced until a price of \$1.24 was reached in August.

The market then declined, under prospect of a good crop of flax in the United States until \$1.08 was reached in October, when prices again advanced to \$1.25 by December 31st.

A short crop of American flax in 1916 and a much smaller crop in 1917 (Government estimate between 8 and 9 million bushels) account for the extreme prices of the year, and the United States again is required to look to foreign countries for additional flax amounting to some ten or fifteen million bushels to meet her requirements.

The present uncertain war shipping conditions will necessarily make linseed oil for the year 1918 the highest price the present industry has ever seen.

Live Stock Receipts of live stock at the local yards for the year 1917 show an enormous increase in the case of cattle, but a large decrease in hogs and sheep.

The year's cattle run was the largest in trade history, the twelve months supply footing up 357,127 head, an increase of 77,417 head as compared with the best previous record of the preceding year.

Receipts of veal calves totaled 95,709 head a new yard record, showing an increase of 23,379 head compared with 1916 and 19,440 more than the high mark of 1912.

The combined receipts of hogs for the year aggregated 1,239,042 head, showing a decrease of 21,076 from the record supply of 1916.

Live mutton supplies were the smallest in forty years, arrivals numbering only 270,329 head, a shrinkage of 61,912 head as compared with last year and a decrease of 373,646 head compared with the record run of 1894.

Despite the increased supply, cattle prices reached unprecedented heights, the market undergoing the usual changes, touching the low spot during the Fall months when the receipts were heaviest and the general quality poor and closing at the highest levels in the memory of present day traders.

Diminished supplies of hogs at a time when trade requirements were vastly broadened by the world war, pushed prices to unheard of figures. The opening month was the lowest of the year with a top of \$12.10 per cwt. The market advanced steadily thereafter until May when a \$16.50 top was reached. The following two months witnessed a severe decline, the market dropping \$1.50 per cwt. to \$15.00. Then came the sensational August advance. The market shot upward from \$15.00 to \$19.50, the highest price ever paid at the Cincinnati yards. Traders then experienced a series of wildly fluctuating markets. The top on the low and high days the next two months ranged from \$15.50 to \$19.15. Top prices on the November low and high days were \$16.75 and \$17.50 respectively, comparing with \$16.25 and \$17.40 the closing month of the year.

Demand for sheep and lambs during the year greatly exceeded the supply, thereby enabling sellers to boost prices to unheard of levels. The enormous demand for wool was a great factor in the advance, due mainly to an abnormal demand for both local and foreign armies. The year opened with choice aged sheep selling at \$8.50 and \$9.00, the market advancing to \$12.00 in mid-year and closing at \$10.00 and \$10.50. The low mark was touched in July and August, prices dropping to \$8.00 the lowest of year.

Choice lambs opened at \$14.50 advanced to \$18.50; June and September being the high months and closed at \$17.00 per 100 lbs.

Lumber Business conditions during 1917 in the lumber industry have been unprecedented. Never, in the history of this industry, have conditions been as in 1917, and this probably is equally true of all lines.

Prices in the lumber line have gone up to some extent, but nothing like they have in other lines. The prices which prevailed have been due, to a large extent, to the fact that the railroads have not been able to furnish sufficient cars to move all of the lumber that could have been shipped, and this made a premium on what could be shipped.

Machinery—Orders for machinery—particularly for air compressors and **Pumping** pumping engines—were numerous, and most of these were required by firms doing war work.

Owing to the high price of machinery and the growing scarcity of materials, purchases are postponed as long as possible to conserve funds. This is especially true of municipal plants, many repairs being made to avoid the purchase of new equipment.

While the volume of business is steadily increasing, manufacturers are seriously handicapped by their inability to procure efficient help, and consequently are finding it difficult to fulfill all their contracts.

Malt Reports of the Internal Revenue Department for the calendar year **Liquors** 1917 show the production of malt liquor as indicated by the sale of beer stamps in the First Ohio Revenue District, including Cincinnati and vicinity, of 1,715,090 barrels, showing a decrease in production over 1916 of 107,381 barrels.

In the Covington and Newport District the total production was 266,961 barrels, a decrease of 6,005 barrels, making a total production of 1,982,051 barrels for Cincinnati and vicinity.

The cost of brewing materials has shown a steady increase in the last two years, and at the close of 1917, hops were quoted at 45c to 55c per pound; malt from \$1.60 to \$1.70 per bushel, and grits \$5.08 per 100 pounds, as against following quotations at the close of 1916: Hops 40c to 48c per pound, malt \$1.45 per bushel and grits \$2.45 per 100 pounds.

The federal tax on malt liquors, to meet the increased expenses occasioned by the war, was increased from \$1.50 to \$3.00 per barrel, and this with higher wages, increased cost of materials and supplies, necessitated an advance in the price of the manufactured article. The average price to the dealer is now \$8.00 per barrel.

The law giving the President power, among other things, to determine the alcoholic content of fermented beverages, was passed as a measure of food conservation. Under the law the Food Administration issued an order limiting the alcoholic content of fermented malt beverages to 2.75 per cent., the main object of the ruling being to conserve 30 per cent. of the materials employed in the production of beer. This rule went into effect January 1, 1918.

Marble and Stone Conditions in the marble and stone industry during 1917 were very good, prices having advanced about 20%. However, the outlook for the ensuing year in this line of business is not very encouraging because of possible curtailment of building operations.

Material and Building The volume of building business in Cincinnati suffered a loss of only 4% in totals of the building permits. This is a better showing than made by any other city not directly affected by the increase in building for war purposes. Development in the earlier part of the year was satisfactory in nearly all lines.

During the summer, residence operations dwindled almost to the vanishing point, operations for the rest of the year being confined largely to the industrial types of building.

General increases in cost of construction have been from 30 to 80% depending upon the type of building. Increases have been largest in the mechanical lines, including plumbing, heating, electrical work, and all iron and steel products. Materials in the main have been available with a sufficient supply of labor to carry on the work offered with a reasonable despatch.

The labor situation has changed somewhat in the last months of the year and it is becoming harder to secure labor in some of the branches. Delivery, of iron and steel products also is becoming harder to secure.

Machine Tools and Machinery An accurate reflection of the trend of business in this industry within the past year involves a glance back to June 15, 1907—the last period prior to the present “rush” when factories of the country were running normal, or 100% capacity.

| | |
|-------------------|------|
| On June 15, 1907, | 100% |
| “ “ “ 1908, | 56% |
| “ “ “ 1909, | 65% |
| “ “ “ 1910, | 92% |
| “ “ “ 1911, | 87% |
| “ “ “ 1912, | 84% |
| “ “ “ 1913, | 99% |
| “ “ “ 1914, | 87% |
| “ “ “ 1915, | 106% |
| “ “ “ 1916, | 160% |

The first quarter of 1917, 187%; the second quarter of 1917, 193%; the third quarter of 1917, 189%; the fourth quarter of 1917, 200%.

This is an accurate reflection of the volume of business, number of employees, etc.

Oils and Greases In the local market the oil business, during the year 1917, in spite of general conditions prevailing, showed a marked increase. The consumption of lubricating oils has increased materially, not only by manufacturers, but by owners of motor cars as well, and prices on these goods advanced somewhat during the year. Notable increases in the consumption of gasoline also occurred up to the close of November, since which time weather conditions have cut down consumption materially, although the use of kerosene increased noticeably.

Generally speaking, the year was a good one in the oil business and the general tendency is toward still higher levels.

Paints and Varnishes At the beginning of July, 1917, prices were considerably advanced over and above those during the spring. In consequence, business fell off quite considerably until the late fall, at which time prices were again advanced, and business came up to practically normal in gallons, and considerably over in dollars and cents.

Paper Early in the year there was rather an inclination for lower grades of paper, (those containing ground wood) which continued throughout the year. The better grades (writings, bonds, ledgers, and bristols) remained very steady. It is predicted that the paper trade will experience the highest prices known in 1918.

Pianos Business in the piano manufacturing industry during the year 1917 was larger in volume than for either 1916 or 1915.

Labor and material costs had a constant upward trend during the entire year.

Fuel and freight embargoes were much of a handicap during the latter part of the year and considerable difficulty was experienced in getting supplies.

Conditions generally were sound and collections good.

Pig Iron The pig iron industry experienced a number of unusual changes during 1917, such as unprecedented prices; shortages of many, if not all, grades; many embargoes preventing shipments, Government supervision of prices, etc.

Produce A decrease in volume of produce business was noticeable during 1917.

Owing to the war, prices of corn and other grains were very high, and farmers sold their poultry early in the year to avoid feeding. Poultry appeared to be about 40% short of last year and naturally the production of eggs was also short and prices about 20% higher than previous years.

The season opened the end of March and storage packing of eggs commenced about this time at prices about 5 cents per dozen higher than last season. Weather conditions were favorable and packing was done to advantage as to quality. Competition was very keen and prevailing prices excessive, opening in March at 26 cents per dozen into storage and advancing rapidly to 35 and 36 cents. Most April eggs cost on an average of 35 cents into storage, a price considered very dangerous by most speculators at Cincinnati. There were 40,649 cases in all coolers about October 1, 1917, and from this period eggs were withdrawn liberally during each month.

The market during November and December looked very discouraging. Quite a few cars were sold below cost at Chicago, losses averaging about \$500.00 per car. This condition was not so noticeable at Cincinnati but quite a few eggs sold at cost. The associated warehouse report of the entire country showed increase of about 300,000 cases over last years packing but all eggs were absorbed freely owing to the shortage in the fresh lay due to shortage of hens and severe weather conditions.

The poultry market ruled higher during the entire season, hens selling from 5 to 10 cents per pound higher than last year. The general shortage in production is in evidence due to grain prices and higher prices will be in evidence during the coming season.

The butter market experienced the highest level ever attained with fresh extras selling at 52 to 53 cents per pound.

Provisions The meat packing and provision business during 1917 was remarkable for the numerous sensational advances and declines incident to the purchase of live stock. In January live hogs sold at about \$11.50 per one hundred, and the packing of the two preceding months averaged about 75c per

hundred less. The oldest packers in the business were pessimistic as to the outcome of such extraordinary high prices even for war times. It goes to show what uncertainty there is in this industry.

Holders of stock were free sellers of the product in every form at small margins of profits, and while the packing houses were run to their normal capacity, it was feared heavy losses would result through an accumulation of stocks. About the time the winter packing was coming to a close late in February, instead of the looked for decline, a fresh impetus was given to the prices of hogs and the figures soared to unprecedented heights, the price reaching \$20.00 per hundred for live hogs in the late summer months. It was impossible to pack pork and sell the product at a price that would bring the packer out whole on his investment, very severe losses had to be endured by all engaged in the trade until the consumers were educated to the very high cost of all hog products. Domestic consumption materially decreased and if it was not for the urgent demand from the foreign countries for enlarged quantities of meat, the prices of hogs would not have been maintained. To add to the acuteness of the situation, owing to the meager corn crop of 1916 curtailing the fattening of hogs the receipts at all the packing points sharply decreased. People at last awoke to the knowledge that the seemingly wild advance in meats of all description was not caused by speculation, but due entirely to the "Law of Supply and Demand". Then it was that American hog products cured for home consumption gradually advanced in price so as to be in line with the raw material.

But as a whole, the year of 1917 was not a profitable one to the pork packers in general. A few of the large concerns in Chicago that had facilities for filling big Government orders at short notice had the advantage over the smaller packers and consequently profited thereby.

Our city was favored with orders from Canadian houses for a considerable amount of what is known as Wiltshire sides, which embraces about eighty percent of the entire net hog, and this enabled packers here to slaughter more swine, even at the enormously high prices, than for several years previously.

Cincinnati is becoming a more important live stock market, and the quality of hogs, cattle and sheep brought here is the equal of any other market in the country.

Railroads Owing to the general congestion of freight at the various terminals throughout the year, which served to emphasize the inadequacy of our terminal facilities, several of the railroads are confining their improvements to the extension of yards, sidings, shops and freight stations. Others, however, are undertaking extensive improvements of a permanent character, some of which are now in process of construction.

The Baltimore and Ohio Railroad has expended \$275,000 in extensive improvements in the vicinity of Cincinnati, covering the double tracking of the line west six miles from Cincinnati, the erection of a new freight house and team track facilities at Norwood, engine facilities at Ivorydale, and coaling station and engine house at the Stock Yards.

On July 19, 1917, the Cincinnati, Hamilton and Dayton Railway was re-organized as the Toledo & Cincinnati Railroad, covering the division from Toledo to Cincinnati and branch lines to Bowling Green, Findlay and Middletown, and line from Dayton to Wellston, and on that date the T. & C. became a part of the Baltimore & Ohio system. While this eliminated the old C. H. & D. line, it strengthened the railroad facilities in becoming a part of the Baltimore & Ohio system.

While there has been no special improvement in service on the B. & O., on account of war conditions it was necessary during the latter part of the year to eliminate some of the passenger trains in order to save fuel and assist in bettering freight movement.

The Chesapeake & Ohio Northern Railway was put in operation during the latter part of the year. This is a new road extending from a connection with the Chesapeake & Ohio Railway near South Portsmouth, Ky., to Waverly, Ohio, a distance of thirty miles, and thence to Columbus, to operate over the Norfolk & Western Railway under trackage rights. This will give the C. & O. lines a through line from the Atlantic seaboard and the West Virginia and Kentucky coal fields to Lake Erie, and will make it possible for the C. & O. Ry. to handle more expeditiously its rapidly growing coal business, which has heretofore been more or less restricted through inability to pass it through the Cincinnati gateway.

The Big Four Railroad has made no improvements during the past year in this territory, but for 1918 has in mind to very largely increase the capacity of its yard at Sharonville and possibly enlarge the yard at Riverside.

The Southern Railway, lessee of the municipally owned railroad from Cincinnati to Chattanooga, has continued its program of making extensive improvements on the line between Cincinnati and Chattanooga, which will materially increase the double track mileage of its road. Other improvements of a permanent nature are under way throughout the Southern system which involve an expenditure of approximately \$3,000,000.00 in addition to the proposed expenditure of \$2,500,000 for the double tracking of the Ohio River bridge at Cincinnati. A further separate item is the extension of the Cincinnati Southern Railway tracks on Front Street between Smith and Plum, so as to afford direct access over Southern Railway tracks to freight house and facilities between Plum and Vine Streets. This work is being actively pushed by the Trustees of the Cincinnati Southern Railway and will be turned over to the lessee company during the coming summer.

The Louisville & Nashville Railroad enlarged its terminals at DeCoursey, Ky., during the year, making it possible to assemble from 800 to 2,000 cars at that terminal.

The Norfolk & Western Railway has made practically no improvements in the Cincinnati district, but reports a number of improvements in its Eastern terminals.

Real Estate Stores in the best parts of the center of the city were practically impossible to get, but there was a great deal of business in properties outside of the business districts. This condition was prevalent throughout the year. Rents in the central portion of the city showed an advance but outside the best rental districts quite a decline. Practically all desirable manufacturing sites were taken up during the year, and even undesirable sites were rented. The obtaining of manufacturing sites became an acute problem toward the end of the year.

There was a steady demand for office space throughout the entire year, and practically all vacancies, even in old buildings, were filled. There was considerable vacant tenement property, especially during the latter part of the year. Rents decreased, if anything. In better class residence property, apartments, etc., there were practically no vacancies through the whole year. Parties desirous of locating in Cincinnati found it difficult to obtain proper quarters.

There was very little money to be had for financing investment deals through the entire year. This situation of course became more acute as the Liberty Loans took the surplus cash. There was, if anything, a decrease in value of real estate, inasmuch as there had been no general raising of rents to meet this condition caused by the fact that investors demand a higher rate of interest on their investments.

Building was practically stopped during the year because of high prices of all building material and the uncertainty of the future. There was no home building, except a few scattered houses. Several builders failed. The only real activity in the building field was in the construction of buildings for manufacturing purposes.

Insurance was carried on a larger percentage of the total risk than in previous years, insurers perhaps being influenced by the desire to be absolutely safe in uncertain times.

Soaps, Glycerine, and Lard Substitutes Business in this line increased considerably in volume. It became necessary for firms in this locality to largely increase their capacity in order to meet the large Government orders for laundry soaps for the expeditionary forces overseas as well as for domestic use in the cantonments.

There was a tendency on the part of the domestic trade to purchase quantities far in excess of their usual requirements, in order to protect themselves against future advances in price. This condition led to the readjustment of the selling organization of one firm in this locality in their effort to have their products distributed equally throughout the country rather than permitting large accumulations at centralized points.

Prices on various grades of soaps have increased approximately 33 per cent.

Producers of glycerine in this territory have been able to furnish large quantities of this product for munitions purposes, in addition to furnishing the usual quantity of chemically pure glycerine for domestic consumption. Unusually large orders for high gravity glycerine for the Government and the Allies

have been taken care of. An effort has also been made to increase the manufacturing capacity in anticipation of additional orders for these two leading brands of glycerine.

Increased production and marketing of vegetable lard substitutes for edible purposes have progressed steadily. There is no question as to the satisfaction given by these products.

This industry, consisting as it does of the manufacture of household necessities, can be brought to a peace basis with few radical changes.

Tobacco Like many other specialties and commodities, conditions existing in the tobacco business during the past year have been very unusual.

The year 1917 commenced with high prices in raw leaf and these prices have been increased from ten to fifty percent according to grade. The same conditions exist in various ingredients which are used in manufacture, such as sugar, glycerine, licorice, etc. It has become almost impossible to secure licorice, and sugar is becoming scarcer every day. Some few articles that are used have decreased in price, such as packing cases and paper.

The year 1917 saw the induction of the new revenue laws which among other things increased the tax on tobacco 5c per pound. All these things have necessitated higher prices for the manufactured article. To this end the 5c package has been eliminated from the retail field of trade.

Whiskey The year 1917 has been one of abnormal conditions in the spirit industries of the United States.

The War Revenue bill increased the tax on distilled spirits from \$1.10 per proof gallon to \$3.20 per proof gallon, and the Food Control law totally prohibited the use of grain or other foodstuffs in the distillation of beverage spirits for the period of the war.

As a result of this drastic legislation, only spirits for non-beverage purposes can be produced. On these there is levied a tax of \$2.20 per proof gallon, but great restrictions are thrown around the use of non-beverage spirits for medicinal, mechanical or scientific purposes.

The stoppage of production of beverage spirits by act of Congress naturally caused an advance in the price of the goods now in bonded warehouses as these stocks constitute the sole source of supply for the future until distilling is resumed at the end of the war.

There were in bond at the close of the year about 170,000,000 gallons of aged beverage whiskies. This is far below the average stock usually carried in bond and under normal conditions constituted about a two years' supply.

At present tax rate of \$3.20 per gallon this stock should yield the Federal Government about five hundred and fifty million dollars in revenue.

There are nearly 20,000,000 gallons of non-beverage spirits in bond which at \$2.20 per gallon should yield something like forty-four million dollars in taxes.

The prices of whiskey now in bond will undoubtedly increase as the only existing supply diminishes, therefore the market is firm with a steady tendency toward higher prices.

STATISTICS
OF
TRADE AND COMMERCE
OF 1917
WITH COMPARISONS FOR
PREVIOUS YEARS

SIXTY-NINTH ANNUAL REPORT OF THE CINCINNATI CHAMBER OF CO.

| 74 | 75-79 | | 80-84 | | 85-89 | | 90-94 | | 95-99 | | 00-04 | | 05-09 | | | |
|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------|-------|
| Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual | |
| 170.9 | 2.94 | 112.4 | 3.60 | 137.6 | 3.02 | 115.6 | 2.84 | 108.5 | 2.39 | 91.5 | 3.19 | 122.0 | 3.35 | 127.9 | 3.41 | |
| ..... | 2.74 | 105.1 | 3.04 | 116.6 | 2.93 | 113.1 | 2.82 | 108.0 | 2.40 | 92.0 | 3.18 | 122.3 | 3.35 | 128.4 | 3.44 | |
| ..... | 8.48 | 130.2 | 7.71 | 118.9 | 6.63 | 106.4 | 6.63 | 102.7 | 6.34 | 97.3 | 7.58 | 116.9 | 7.20 | 111.1 | 6.81 | |
| ..... | ..... | ..... | .085 | 102.7 | .086 | 104.5 | .102 | 107.9 | .097 | 91.2 | .107 | 129.9 | .11 | 133.5 | .11 | |
| ..... | ..... | 115.9 | ..... | 121.4 | ..... | 110.1 | ..... | 106.8 | ..... | 93.2 | ..... | 122.8 | ..... | 125.2 | ..... |  |
| 77.2 | 1.059 | 88.9 | 1.122 | 94.1 | 1.076 | 90.3 | 1.163 | 97.5 | 1.219 | 102.5 | 1.279 | 107.3 | 1.316 | 109.6 | 1.32 | |
| 120.3 | 9.00 | 147.3 | 8.00 | 130.9 | 6.650 | 108.9 | 6.12 | 100.1 | 6.10 | 99.9 | 6.30 | 103.1 | 6.18 | 101.1 | 6.00 | |
| 133.3 | 9.00 | 120.0 | 8.00 | 106.6 | 7.72 | 102.8 | 7.50 | 100.0 | 7.50 | 100.0 | 7.50 | 100.0 | 7.50 | 100.0 | 7.50 | |
| 133.3 | 9.00 | 120.0 | 8.00 | 106.6 | 7.72 | 102.8 | 7.50 | 100.0 | 7.50 | 100.0 | 7.50 | 100.0 | 7.50 | 100.0 | 7.50 | |
| 129.9 | .112 | 121.7 | .111 | 119.3 | .107 | 115.7 | .101 | 109.9 | .083 | 90.1 | .086 | 93.1 | .109 | 118.4 | .11 | |
| 118.8 | ..... | 119.6 | ..... | 111.5 | ..... | 104.1 | ..... | 101.5 | ..... | 98.5 | ..... | 160.7 | ..... | 105.8 | ..... |  |
| 281.1 | .135 | 194.7 | .102 | 144.9 | .082 | 118.6 | .060 | 94.6 | .073 | 105.4 | .094 | 135.3 | .095 | 136.9 | .09 | |
| 166.6 | .748 | 137.3 | .748 | 137.3 | .584 | 107.1 | .634 | 116.3 | .454 | 83.7 | .662 | 121.5 | .642 | 117.8 | .84 | |
| 207.7 | .622 | 146.0 | .538 | 126.3 | .494 | 115.9 | .450 | 105.6 | .402 | 94.4 | .534 | 125.3 | .450 | 105.6 | .84 | |
| ..... | .328 | 92.6 | .426 | 120.5 | .410 | 115.9 | .359 | 101.4 | .348 | 98.6 | .514 | 145.2 | .604 | 170.8 | .77 | |
| 218.4 | ..... | 142.6 | ..... | 132.2 | ..... | 111.9 | ..... | 104.5 | ..... | 95.5 | ..... | 131.8 | ..... | 132.8 | ..... |  |
| 240.4 | .114 | 154.5 | .108 | 146.6 | .100 | 136.0 | .079 | 108.6 | .067 | 91.4 | .098 | 133.2 | .105 | 141.2 | .11 | |
| 312.3 | .089 | 151.3 | .096 | 161.9 | .081 | 137.4 | .045 | 76.1 | .073 | 123.9 | .077 | 130.6 | .115 | 188.7 | .09 | |
| 149.1 | .332 | 129.1 | .346 | 134.5 | .294 | 114.2 | .254 | 98.9 | .259 | 101.1 | .296 | 114.8 | .312 | 121.3 | .33 | |
| 208.9 | .360 | 153.2 | .342 | 145.4 | .296 | 126.0 | .255 | 108.4 | .215 | 91.6 | .236 | 100.4 | .326 | 138.8 | .22 | |
| 227.7 | ..... | 147.3 | ..... | 148.3 | ..... | 128.2 | ..... | 98.1 | ..... | 102.0 | ..... | 119.7 | ..... | 147.5 | ..... |  |
| 811 | 15.60 | 85.5 | 15.30 | 84.8 | 18.20 | 99.8 | 15.80 | 86.6 | 20.70 | 113.4 | 23.20 | 127.1 | 28.94 | 159.7 | 33.33 | |
| 108.8 | 20.10 | 97.1 | 20.90 | 100.9 | 21.50 | 103.8 | 20.10 | 97.1 | 21.35 | 102.9 | 35.05 | 169.3 | 39.94 | 192.9 | 47.47 | |
| 112.8 | 19.78 | 110.7 | 21.00 | 96.1 | 19.96 | 92.1 | 23.50 | 108.4 | 19.85 | 91.6 | 20.25 | 93.4 | 24.86 | 114.7 | 27.11 | |
| 352.9 | 2.62 | 156.9 | 2.79 | 164.1 | 2.10 | 123.8 | 1.55 | 91.3 | 1.84 | 108.7 | 2.30 | 136.2 | 2.03 | 119.4 | 2.04 | |
| 200.0 | .054 | 145.9 | .043 | 114.9 | .042 | 113.4 | .038 | 104.0 | .035 | 96.0 | .047 | 125.9 | .059 | 160.8 | .05 | |
| 252.6 | 25.40 | 154.7 | 23.18 | 177.2 | | 18.42 | 140.9 | 14.79 | 113.1 | 11.37 | 86.9 | 16.43 | 125.6 | 17.93 | 137.1 | 15.64 |
| 184.7 | ..... | 125.1 | ..... | 123.0 | ..... | 110.7 | ..... | 98.9 | ..... | 101.1 | ..... | 130.5 | ..... | 152.3 | ..... |  |
| 165.5 | .90 | 118.4 | .872 | 113.9 | .820 | 107.2 | .750 | 98.0 | .780 | 102.0 | .884 | 115.5 | 1.08 | 141.2 | 1.04 | |
| 117.3 | 1.267 | 81.5 | 1.39 | 89.4 | 1.394 | 89.7 | 1.518 | 97.7 | 1.59 | 102.3 | 1.90 | 122.2 | 2.28 | 146.6 | 2.44 | |
| 156.3 | .445 | 113.8 | .512 | 130.9 | .422 | 107.9 | .410 | 104.8 | .372 | 95.2 | .460 | 117.7 | .496 | 126.6 | .54 | |
| 250.6 | .205 | 109.6 | .352 | 189.8 | .189 | 101.3 | .249 | 133.1 | .125 | 69.9 | .218 | 116.2 | .158 | 84.5 | .11 | |
| 341.5 | .070 | 242.2 | .059 | 207.3 | .042 | 145.7 | .033 | 112.8 | .025 | 87.2 | .029 | 102.1 | .029 | 101.2 | .03 | |
| 213.8 | .023 | 151.3 | .025 | 162.7 | .018 | 119.7 | .017 | 115.8 | .013 | 84.2 | .014 | 89.4 | .016 | 106.6 | .01 | |
| 185.4 | .072 | 160.1 | .072 | 160.6 | .046 | 103.1 | .049 | 110.5 | .040 | 89.5 | .055 | 121.0 | .056 | 125.1 | .07 | |
| 150.6 | 12.80 | 126.2 | 14.30 | 140.5 | 12.40 | 121.7 | 10.90 | 107.2 | 9.40 | 92.8 | 11.90 | 118.1 | 14.20 | 139.9 | 12.00 | |
| 197.6 | ..... | 137.9 | ..... | 149.4 | ..... | 112.0 | ..... | 109.6 | ..... | 90.4 | ..... | 112.8 | ..... | 121.5 | ..... |  |

AVERAGE FOR ALL GROUPS.

| | | | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 157.3 | ..... | 129.3 | ..... | 134.5 | ..... | 110.0 | ..... | 112.8 | ..... | 87.2 | ..... | 116.1 | ..... | 137.1 | ..... |
| 118.1 | ..... | 107.4 | ..... | 115.1 | ..... | 99.2 | ..... | 106.1 | ..... | 93.9 | ..... | 111.2 | ..... | 122.3 | ..... |
| 146.4 | ..... | 122.9 | ..... | 138.1 | ..... | 108.5 | ..... | 114.6 | ..... | 85.0 | ..... | 125.1 | ..... | 138.2 | ..... |
| 162.3 | ..... | 132.8 | ..... | 129.2 | ..... | 101.8 | ..... | 106.5 | ..... | 93.3 | ..... | 104.5 | ..... | 122.9 | ..... |
| 170.9 | ..... | 115.9 | ..... | 121.4 | ..... | 110.1 | ..... | 106.8 | ..... | 93.2 | ..... | 122.8 | ..... | 125.2 | ..... |
| 118.8 | ..... | 119.6 | ..... | 111.5 | ..... | 104.1 | ..... | 101.5 | ..... | 98.5 | ..... | 100.7 | ..... | 105.8 | ..... |
| 218.4 | ..... | 142.6 | ..... | 132.2 | ..... | 111.9 | ..... | 104.5 | ..... | 95.5 | ..... | 131.8 | ..... | 132.8 | ..... |
| 227.7 | ..... | 147.3 | ..... | 148.3 | ..... | 128.2 | ..... | 98.1 | ..... | 102.0 | ..... | 119.7 | ..... | 147.5 | ..... |
| 184.7 | ..... | 125.1 | ..... | 123.0 | ..... | 110.7 | ..... | 98.9 | ..... | 101.1 | ..... | 130.5 | ..... | 152.3 | ..... |
| 197.6 | ..... | 137.9 | ..... | 149.4 | ..... | 112.0 | ..... | 109.6 | ..... | 90.4 | ..... | 112.8 | ..... | 121.5 | ..... |

| | 1910 | | 1911 | | 1912 | | 1913 | | 1914 | | 1915 | | 1916 | | 1917 | |
|-----|--------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|--------------|----------------|
| | Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price | Actual Price | Relative Price |
| 0 | 129.9 | 3.34 | 127.7 | 3.40 | 129.8 | 3.66 | 140.2 | 3.69 | 141.4 | 3.625 | 138.1 | 4.00 | 153.2 | 6.09 | 233.0 | |
| 0 | 130.4 | 3.34 | 127.9 | 3.40 | 129.8 | 3.66 | 136.4 | 3.69 | 141.5 | 3.625 | 139.1 | 4.02 | 154.2 | 5.83 | 223.6 | |
| 5 | 105.7 | 6.87 | 106.1 | 7.58 | 116.9 | 7.06 | 108.9 | 7.00 | 108.7 | 7.85 | 121.1 | 8.32 | 128.3 | 9.02 | 139.1 | |
| 15 | 137.8 | 1.48 | 178.9 | 1.44 | 173.5 | 1.16 | 192.8 | 1.56 | 153.1 | 1.25 | 149.4 | 1.222 | 147.2 | 1.145 | 174.7 | |
| ... | 125.9 | | 135.1 | | 137.5 | | 144.5 | | 138.1 | | 136.9 | | 145.7 | | 192.6 | |
| 25 | 111.1 | 1.34 | 112.4 | 1.359 | 114.0 | 1.316 | 110.4 | 1.367 | 114.7 | 1.39 | 116.6 | 1.404 | 117.9 | 2.444 | 205.0 | |
| 0 | 98.2 | 6.00 | 98.2 | 6.00 | 98.2 | 6.00 | 98.2 | 6.27 | 102.6 | 6.25 | 102.2 | 6.50 | 106.4 | 7.25 | 118.6 | |
| 0 | 100.0 | 8.00 | 106.6 | 8.00 | 106.6 | 8.00 | 106.6 | 8.27 | 110.3 | 8.50 | 113.3 | 8.50 | 113.3 | 9.25 | 123.3 | |
| 0 | 100.0 | 8.00 | 106.6 | 8.00 | 106.6 | 8.00 | 106.6 | 8.25 | 110.3 | 8.50 | 113.3 | 8.50 | 113.3 | 9.00 | 120.0 | |
| 19 | 129.5 | .097 | 105.3 | .105 | 114.0 | .095 | 103.1 | .115 | 124.8 | .117 | 127.1 | .123 | 133.5 | .174 | 188.9 | |
| ... | 107.8 | | 106.8 | | 107.9 | | 104.9 | | 112.5 | | 114.5 | | 115.7 | | 151.8 | |
| 35 | 136.7 | .095 | 136.7 | .095 | 137.7 | .0973 | 141.0 | .007 | 140.6 | .0951 | 139.3 | .0863 | 125.1 | .10 | 145.0 | |
| 0 | 157.8 | .700 | 128.5 | .545 | 100.0 | .5752 | 105.5 | .607 | 119.1 | .603 | 110.6 | .82 | 120.5 | 1.26 | 231.2 | |
| 30 | 201.9 | .910 | 213.6 | .682 | 150.1 | .498 | 116.9 | .54 | 126.8 | .614 | 144.1 | .801 | 181.1 | 1.162 | 254.0 | |
| 20 | 203.4 | .710 | 200.6 | .516 | 145.8 | .476 | 131.0 | .533 | 150.6 | .519 | 146.6 | .549 | 155.1 | .528 | 149.1 | |
| ... | 174.9 | | 169.8 | | 133.4 | | 123.7 | | 134.2 | | 135.1 | | 152.9 | | 195.0 | |
| 46 | 199.3 | .125 | 170.6 | .120 | 163.3 | .1278 | 175.1 | .12 | 165.1 | .10175 | 139.4 | .1394 | 191.1 | .22575 | 300.2 | |
| 34 | 156.7 | .135 | 127.4 | .120 | 103.0 | .1187 | 201.2 | .13 | 224.3 | .144 | 111.1 | .161 | 273.1 | .172 | 291.7 | |
| 20 | 124.5 | .325 | 126.4 | .349 | 135.8 | .375 | 145.9 | .39 | 151.8 | .45 | 175.1 | .60 | 233.5 | .6342 | 246.7 | |
| 30 | 106.4 | .230 | 97.9 | .292 | 120.0 | .219 | 93.2 | .244 | 296.1 | .322 | 132.1 | .393 | 167.5 | .485 | 206.4 | |
| ... | 146.7 | | 156.3 | | 155.5 | | 153.8 | | 209.3 | | 139.3 | | 215.8 | | 263.5 | |
| 3 | 183.4 | 38.33 | 210.0 | 38.66 | 208.1 | 29.00 | 158.8 | 27.67 | 151.5 | | | | | 43.50 | 232.9 | |
| 4 | 229.2 | 247.75 | 230.7 | 49.50 | 238.8 | 41.00 | 197.9 | 34.33 | 202.1 | 34.33 | 165.7 | 40.50 | 195.5 | 62.50 | 301.6 | |
| 2 | 125.2 | 27.62 | 127.5 | 34.53 | 158.9 | 47.00 | 132.7 | 28.50 | 131.5 | 26.50 | 122.3 | 32.00 | 147.7 | 39.50 | 182.3 | |
| 1 | 217.5 | 574.44 | 210.5 | 575.62 | 213.6 | 34.00 | 156.9 | 40.67 | 114.9 | 52.50 | 150.1 | 55.00 | 155.4 | 82.50 | 233.0 | |
| 0 | 117.8 | 1.92 | 113.1 | 1.74 | 102.5 | 1.79 | 105.5 | 1.62 | 96.1 | 1.72 | 101.4 | 2.60 | 153.2 | 3.906 | 230.0 | |
| 45 | 121.6 | .045 | 121.6 | .045 | 121.3 | .044 | 120.5 | .0387 | 106.1 | .0467 | 128.1 | .0683 | 187.1 | 8.62 | 226.2 | |
| 0 | 119.3 | 14.08 | 107.6 | 15.12 | 115.6 | 15.58 | 119.1 | 13.95 | 107.1 | 14.11 | 108.1 | 19.41 | 148.4 | 11.83 | 144.0 | |
| ... | 159.1 | | 160.1 | | 165.5 | | 141.6 | | 129.9 | | 129.2 | | 164.5 | | 254.9 | |
| 5 | 137.3 | 1.05 | 137.3 | 1.225 | 150.1 | 1.027 | 134.2 | .90 | 117.6 | .90 | 104.6 | 1.02 | 133.3 | 1.05 | 137.4 | |
| 0 | 154.3 | 2.40 | 154.3 | 2.40 | 154.3 | 2.40 | 154.3 | 2.40 | 154.3 | 2.48 | 153.1 | 2.57 | 170.4 | 3.00 | 192.9 | |
| 30 | 148.3 | .630 | 181.1 | .650 | 166.2 | .68 | 173.9 | .68 | 174.1 | .65 | 166.2 | .70 | 179.1 | .75 | 191.7 | |
| 39 | 106.4 | .320 | 170.6 | .345 | 184.0 | .229 | 117.1 | .206 | 116.1 | .163 | 87.2 | .147 | 832.1 | .21 | 112.3 | |
| 28 | 99.4 | .034 | 116.8 | .0287 | 99.4 | .028 | 96.5 | .02875 | 99.2 | .02875 | 99.2 | .08 | 289.7 | .41 | 155.2 | |
| 19 | 116.7 | .019 | 116.7 | .019 | 116.7 | .019 | 116.7 | .0183 | 122.1 | .01856 | 122.4 | .0412 | 275.1 | .31 | 225.0 | |
| 76 | 167.4 | .063 | 140.8 | .067 | 148.5 | .069 | 153.3 | .069 | 153.3 | .07 | 155.5 | .0965 | 214.4 | .153 | 340.0 | |
| 1 | 117.2 | 12.00 | 117.2 | 12.50 | 123.8 | 12.50 | 136.6 | 13.00 | 140.1 | 12.16 | 120.1 | 12.40 | 121.6 | 12.31 | 193.5 | |
| ... | 133.4 | | 139.3 | | 137.2 | | 135.3 | | 134.5 | | 123.6 | | 174.6 | | | |
| ... | 147.2 | | 158.5 | | 168.8 | | 140.1 | | 153.5 | | 171.4 | | 180.1 | | 271.6 | |
| ... | 153.7 | | 121.4 | | 157.1 | | 161.1 | | 161.5 | | 157.1 | | 189.1 | | 261.3 | |
| ... | 193.1 | | 146.5 | | 163.5 | | 177.7 | | 162.3 | | 158.1 | | 206.6 | | 327.1 | |
| ... | 124.3 | | 130.7 | | 132.8 | | 125.1 | | 128.8 | | 124.1 | | 147.8 | | 196.1 | |
| ... | 125.9 | | 135.1 | | 137.5 | | 144.5 | | 136.1 | | 136.9 | | 145.7 | | 192.6 | |
| ... | 107.8 | | 105.8 | | 107.9 | | 104.9 | | 112.5 | | 114.5 | | 115.7 | | 151.8 | |
| ... | 174.9 | | 169.8 | | 133.4 | | 123.7 | | 134.2 | | 135.1 | | 152.9 | | 195.0 | |
| ... | 146.7 | | 156.3 | | 155.5 | | 153.8 | | 209.3 | | 139.3 | | 215.8 | | 263.5 | |
| ... | 159.1 | | 160.1 | | 165.5 | | 141.6 | | 129.9 | | 129.2 | | 164.5 | | | |
| ... | 133.4 | | 139.3 | | 137.2 | | 135.3 | | 134.5 | | 123.6 | | 174.6 | | | |
| ... | 147.2 | | 158.5 | | 168.8 | | 140.1 | | 153.5 | | 171.4 | | 180.1 | | 271.6 | |
| ... | 153.7 | | 121.4 | | 157.1 | | 161.1 | | 161.5 | | 157.1 | | 189.1 | | 261.3 | |
| ... | 193.1 | | 146.5 | | 163.5 | | 177.7 | | 162.3 | | 158.1 | | 206.6 | | 327.1 | |
| ... | 124.3 | | 130.7 | | 132.8 | | 125.1 | | 128.8 | | 124.1 | | 147.8 | | 196.1 | |
| ... | 125.9 | | 135.1 | | 137.5 | | 144.5 | | 136.1 | | 136.9 | | 145.7 | | 192.6 | |
| ... | 107.8 | | 105.8 | | 107.9 | | 104.9 | | 112.5 | | 114.5 | | 115.7 | | 151.8 | |
| ... | 174.9 | | 169.8 | | 133.4 | | 123.7 | | 134.2 | | 135.1 | | 152.9 | | 195.0 | |
| ... | 146.7 | | 156.3 | | 155.5 | | 153.8 | | 209.3 | | 139.3 | | 215.8 | | 263.5 | |
| ... | 159.1 | | 160.1 | | 165.5 | | 141.6 | | 129.9 | | 129.2 | | 164.5 | | | |
| ... | 133.4 | | 139.3 | | 137.2 | | 135.3 | | 134.5 | | 123.6 | | 174.6 | | | |
| ... | 146.61 | | 142.35 | | 145.92 | | 140.7 | | 146.3 | | 138.9 | | 169.3 | | 227.1 | |

RECEIPTS AT CINCINNATI

Table showing the total receipts of the principal commodities, at Cincinnati, for ten years including 1917, compiled from the records of the Chamber of Commerce. These figures include the receipts by river and rail, and include all movement passing through Cincinnati exclusive of through movement of Grain and Live Stock. For Local Movement see pages 88 and 89. The receipts by river are shown separately in another table.

| ARTICLES | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 |
|---|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Cereals, Grain and Farm Products. | | | | | | | | | | |
| Barley..... | 1,103,828 | 1,498,534 | 601,502 | 589,181 | 729,496 | 495,981 | 490,354 | 760,522 | 521,156 | 656,469 |
| Corn..... | 8,939,172 | 9,490,415 | 7,813,414 | 8,468,404 | 7,797,910 | 9,806,063 | 9,367,710 | 8,631,574 | 7,145,408 | 7,763,457 |
| Oats..... | 7,073,714 | 7,005,353 | 8,213,319 | 7,326,304 | 8,213,319 | 7,326,304 | 7,326,304 | 6,396,527 | 5,798,766 | 5,936,773 |
| Rye..... | 750,864 | 690,077 | 702,483 | 503,248 | 628,974 | 588,898 | 727,437 | 722,849 | 670,871 | 579,522 |
| Wheat..... | 7,517,952 | 7,274,652 | 7,380,386 | 3,816,862 | 7,380,386 | 3,816,862 | 3,946,681 | 3,776,829 | 4,178,771 | 4,052,264 |
| Brans and Middlings..... | 124,564 | 122,776 | 107,923 | 110,863 | 73,175 | 64,025 | 58,638 | 62,475 | 63,968 | 59,792 |
| Flour..... | 2,070,264 | 2,099,830 | 1,644,371 | 1,642,619 | 1,307,227 | 1,437,227 | 1,472,930 | 1,324,010 | 1,402,331 | 1,449,434 |
| Malt..... | 1,846,490 | 1,854,829 | 1,660,323 | 1,247,408 | 1,768,706 | 1,604,114 | 1,778,888 | 1,879,198 | 1,673,434 | 1,530,340 |
| Malt Sprouts..... | 227 | 418 | 456 | 572 | 364 | 183 | 155,195 | 180,262 | 167,263 | 156,151 |
| Hay..... | 327,086 | 162,040 | 180,117 | 239,727 | 218,397 | 294,343 | 206,116 | 201,577 | 139,730 | 180,308 |
| Cotton..... | 134,214 | 318,057 | 341,648 | 270,894 | 220,332 | 943 | 6,347 | 8,400 | 5,366 | 6,933 |
| Cotton Seed Meal..... | 2,154 | 1,321 | 2,379 | 4,328 | 1,921 | 6,347 | 6,785 | 40,370 | 43,757 | 38,219 |
| Straw..... | 6,324 | 4,059 | 3,750 | 4,635 | 6,569 | 11,537 | 6,002 | 494 | 2,187 | 504 |
| Hops..... | 13,577 | 11,953 | 35,636 | 41,160 | 18,802 | 52,954 | 38,308 | 46,945 | 45,656 | 57,037 |
| Clover Seed..... | 268 | 1,771 | 2,141 | 717 | 413 | 196 | 134,439 | 155,587 | 148,650 | 123,996 |
| Flax Seed..... | 27,633 | 56,503 | 11,619 | 57,999 | 69,506 | 52,954 | 11,677 | 15,196 | 18,515 | 27,063 |
| Timothy Seed..... | 163,886 | 161,415 | 161,889 | 172,838 | 179,674 | 193,030 | 1,235,940 | 2,148,154 | 1,278,068 | 9,462,816 |
| Other Seeds..... | 94,404 | 99,071 | 84,102 | 43,092 | 17,655 | 29,373 | 7,473,126 | 5,835,520 | 4,877,160 | 4,311,800 |
| Hemp..... | 1,502,218 | 1,328,935 | 1,755,767 | 1,094,603 | 495,266 | 2,278,615 | 5,880 | 13,480 | 65,200 | 48,560 |
| Broom Corn..... | 14,925,913 | 19,093,180 | 17,801,777 | 7,723,955 | 8,146,826 | 7,833,514 | 42,060 | 59,120 | 18,840 | 34,200 |
| Coal, Bituminous..... | 6,028 | 9,352 | 6,916 | 20,900 | 13,689 | 8,640 | 5,880 | 13,480 | 65,200 | 48,560 |
| Coal, Anthracite..... | 190,986 | 272,158 | 96,074 | 83,401 | 149,654 | 107,544 | 42,060 | 59,120 | 18,840 | 34,200 |
| Coke..... | 267,932 | 412,260 | 415,834 | 386,631 | 350,560 | 378,524 | 263,204 | 521,814 | 240,587 | 373,163 |
| Fruit Vegetables, Produce Dairy Products | | | | | | | | | | |
| Apples..... | 46,670 | 49,361 | 29,340 | 28,509 | 31,623 | 25,113 | 19,699 | 18,188 | 13,688 | 19,699 |
| Bananas..... | 762,954 | 11,207,870 | 10,260,789 | 8,191,180 | 5,267,033 | 9,172,852 | 8,787,645 | 8,316,407 | 4,842,550 | 5,946,868 |
| Dried Fruit..... | 42,154 | 35,533 | 42,845 | 39,393 | 37,922 | 53,573 | 32,280 | 53,107 | 93,931 | 65,516 |
| Lemons..... | 98,651 | 90,696 | 102,134 | 99,313 | 73,684 | 84,981 | 88,063 | 71,427 | 78,149 | 73,261 |
| Oranges..... | 1,154,990 | 1,435,290 | 1,396,371 | 1,285,966 | 1,210,300 | 770,416 | 632,725 | 654,943 | 639,293 | 536,535 |
| Butter..... | 76,295 | 150,779 | 129,267 | 72,002 | 102,444 | 130,392 | 161,512 | 134,925 | 150,003 | 166,339 |
| Oleomargarine..... | 2,816,712 | 1,180,920 | 1,355,575 | 1,483,408 | 2,194,758 | 2,456,584 | 2,085,898 | 3,277,075 | 2,534,969 | 2,361,512 |
| Eggs..... | 692,408 | 853,910 | 812,371 | 461,927 | 594,942 | 668,942 | 605,131 | 511,519 | 519,652 | 441,072 |
| Potatoes..... | 2,560,225 | 1,357,198 | 2,534,648 | 3,033,645 | 2,734,133 | 2,428,562 | 2,394,621 | 2,012,009 | 2,472,724 | 2,472,724 |
| Vegetables..... | 60,833 | 73,741 | 73,419 | 75,709 | 64,396 | 51,946 | 55,529 | 66,709 | 78,176 | 90,590 |
| Onions..... | 173,461 | 234,196 | 148,717 | 155,233 | 114,157 | 132,928 | 98,048 | 119,497 | 99,653 | 99,653 |
| Watermelons..... | 5,717 | 4,461 | 3,903 | 5,209 | 3,245 | 4,053 | 2,927 | 2,947 | 2,783 | 2,783 |
| Cantaloupes..... | 5,717 | 4,461 | 3,903 | 5,209 | 3,245 | 4,053 | 2,927 | 2,947 | 2,783 | 2,783 |
| Poultry..... | 1,380 | 3,146 | 1,145 | 914 | 929 | 529 | 225,312 | 271,289 | 213,713 | 213,713 |
| Fish..... | 322,844 | 550,307 | 408,375 | 234,399 | 301,526 | 368,000 | 225,312 | 271,289 | 213,713 | 213,713 |

(Continued on next page.)

RECEIPTS AT CINCINNATI—Continued.

| ARTICLES | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
| Groceries | | | | | | | | | | |
| Beans..... | 367,906 | 242,546 | 308,335 | 554,190 | 481,686 | 408,815 | 362,478 | 483,173 | 334,737 | ..... |
| Bananas..... | 8,501 | 50,174 | 8,480 | 5,366 | 13,783 | 6,456 | 11,099 | 15,572 | 9,263 | ..... |
| Coffee..... | 480,051 | 381,659 | 409,460 | 361,998 | 462,783 | 453,742 | 463,916 | 603,495 | 483,402 | ..... |
| Chocolate..... | 136,067 | 169,152 | 149,152 | 153,674 | 155,862 | 151,362 | 161,431 | 191,313 | 151,267 | ..... |
| Cheeses..... | 104,171 | 170,056 | 73,332 | 77,302 | 77,302 | 68,463 | 105,341 | 147,645 | 165,648 | ..... |
| Peas..... | 104,102 | 171,808 | 124,575 | 104,170 | 107,560 | 268,463 | 105,341 | 147,645 | 165,648 | ..... |
| Peanuts..... | 104,102 | 171,808 | 124,575 | 104,170 | 107,560 | 268,463 | 105,341 | 147,645 | 165,648 | ..... |
| Rice..... | 329,572 | 509,932 | 264,855 | 275,863 | 262,933 | 263,767 | 312,243 | 478,867 | 187,830 | ..... |
| Beans..... | 915,980 | 973,513 | 676,890 | 598,882 | 498,890 | 403,253 | 431,292 | 478,867 | 187,830 | ..... |
| Salt..... | 698,583 | 474,932 | 439,818 | 368,805 | 311,375 | 359,313 | 264,327 | 273,157 | 572,860 | ..... |
| Sorghum..... | 760,168 | 803,376 | 501,804 | 357,470 | 260,666 | 190,188 | 239,043 | 400,500 | 362,681 | ..... |
| Sugar..... | 486,554 | 445,610 | 392,346 | 404,114 | 384,574 | 463,583 | 462,528 | 365,404 | 342,051 | ..... |
| Live Stock and Products. | | | | | | | | | | |
| Cattle..... | 437,678 | 660,634 | 320,277 | 310,150 | 395,446 | 342,240 | 312,143 | 312,962 | 293,331 | ..... |
| Hogs..... | 1,452,825 | 1,578,461 | 1,452,152 | 1,152,677 | 1,223,938 | 1,224,940 | 1,135,121 | 838,850 | 931,522 | ..... |
| Sheep..... | 331,115 | 421,229 | 405,174 | 694,821 | 726,357 | 500,386 | 546,989 | 508,715 | 491,206 | ..... |
| Horses and Mules..... | 80,242 | 61,188 | 105,929 | 36,587 | 22,355 | 20,350 | 24,993 | 26,310 | 32,337 | ..... |
| Fresh Meat..... | 64,959,888 | 67,906,527 | 89,532,873 | 43,303,154 | 17,802,015 | 19,420,294 | 19,140,434 | 24,974,767 | 19,152,635 | ..... |
| Salt Beef..... | 1,201,378 | 5,473,126 | 2,143,518 | 4,163,040 | 754,785 | 1,241,482 | 290,853 | 581,548 | 937,016 | ..... |
| D. S. Meat Loaves..... | 19,102,631 | 33,558,150 | 22,477,921 | 32,958,107 | 18,909,067 | 31,404,387 | 39,443,831 | 47,746,583 | 69,075,816 | ..... |
| Bacon..... | 9,508,256 | 10,767,300 | 10,180,042 | 9,094,335 | 8,466,917 | 7,158,805 | 5,240,000 | 1,699,000 | 2,348,000 | ..... |
| Hams..... | 3,613,334 | 6,777,762 | 21,545,524 | 20,190,231 | 4,192,596 | 7,742,249 | 2,701,898 | 1,353,077 | 1,946,448 | ..... |
| Lard..... | 1,086,718 | 4,078,460 | 5,302,311 | 3,529,631 | 3,380,903 | 5,027,957 | 6,834,667 | 4,377,673 | 8,512,753 | ..... |
| Pork..... | 14,099,401 | 12,722,684 | 13,814,920 | 14,068,612 | 9,140,653 | 10,624,361 | 10,795,823 | 18,497,047 | 29,222,880 | ..... |
| Hides..... | 3,375 | 1,859 | 4,576 | 4,513 | 5,007 | 1,749 | 1,749 | 1,047 | 2,417 | ..... |
| Leather..... | 855,811 | 836,148 | 764,762 | 686,019 | 627,492 | 741,312 | 639,470 | 849,022 | 1,074,887 | ..... |
| Tallow..... | 431,301 | 339,747 | 269,628 | 305,726 | 299,394 | 345,433 | 309,667 | 296,882 | 311,511 | ..... |
| Tierces and barrels..... | 116,306 | 95,546 | 87,739 | 72,089 | 84,397 | 75,246 | 54,258 | 57,115 | 50,954 | ..... |
| Wool..... | 244,388 | 102,459 | 253,933 | 177,286 | 79,176 | 127,763 | 52,713 | 54,421 | 78,994 | ..... |
| Manufactured Articles | | | | | | | | | | |
| Sheep Pelts..... | 36,038 | 112,590 | 44,273 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Agricultural Implements | | | | | | | | | | |
| Automobiles..... | 1,771 | 2,126 | 1,732 | 1,366 | 1,084 | 228 | ..... | ..... | ..... | ..... |
| Trucks..... | 56,052 | 42,937 | 33,700 | 28,377 | 21,079 | 9,087 | ..... | ..... | ..... | ..... |
| Boats and Shoes..... | 334,798 | 357,373 | 287,832 | 281,239 | 294,243 | 262,876 | 246,795 | 263,365 | 247,782 | ..... |
| Cooperage..... | 607,636 | 645,554 | 619,969 | 564,388 | 579,018 | 475,141 | 714,934 | 593,065 | 546,773 | ..... |
| Furniture..... | 675,516 | 563,716 | 472,775 | 516,347 | 454,407 | 440,177 | 245,201 | 362,776 | 249,008 | ..... |
| Glassware and Crockery..... | 2,126,343 | 13,046,500 | 1,568,507 | 1,836,065 | 1,563,138 | 533,588 | ..... | ..... | ..... | ..... |
| Machinery..... | 9,463 | 8,945 | 2,718 | 2,683 | 2,993 | 520 | ..... | ..... | ..... | ..... |
| Vehicles..... | 305 | 569 | 804 | 552 | 504 | 520 | ..... | ..... | ..... | ..... |
| Staves..... | 3,547 | 2,777 | 2,857 | 4,761 | 3,877 | 4,237 | ..... | ..... | ..... | ..... |
| Cross Ties..... | 3,661 | 4,911 | 3,781 | 3,586 | 5,298 | 1,879 | ..... | ..... | ..... | ..... |
| Other Manufactures..... | 9,366 | 8,395 | 7,191 | 9,570 | 14,749 | 2,502 | ..... | ..... | ..... | ..... |
| Metals, Building Materials, Oils. | | | | | | | | | | |
| Lime, Cement and Plaster..... | 180,499 | 190,825 | 133,569 | 185,454 | 171,546 | 92,249 | 154,006 | 104,073 | 117,479 | ..... |
| Brick..... | 1,290,998 | 1,303,424 | 1,314,196 | 1,233,533 | 1,428,568 | 1,326,994 | 994,931 | 1,300,981 | 1,115,544 | ..... |
| Lumber..... | 8,183 | 9,312 | 8,209 | 8,469 | 9,009 | 3,469 | ..... | ..... | ..... | ..... |
| Nails..... | 80,665 | 97,645 | 104,871 | 97,662 | 106,875 | 104,243 | 86,655 | 87,075 | 77,057 | ..... |
| Oil..... | 340,287 | 426,229 | 376,517 | 438,721 | 336,175 | 413,515 | 373,480 | 426,395 | 532,696 | ..... |
| 100 lb. kegs..... | 858,871 | 885,294 | 1,075,044 | 936,805 | 771,534 | 687,605 | 847,492 | 823,359 | 553,268 | ..... |

RECEIPTS AT CINCINNATI—Continued

| | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 |
|--|------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|
| Metals, Building Materials, Oils—Continued. | | | | | | | | | | |
| Roan..... | 248,462 | 296,514 | 150,563 | 154,701 | 242,649 | 141,781 | 152,017 | 159,350 | 124,875 | |
| Stone..... | 3,010 | 4,000 | 3,848 | 9,625 | 11,276 | 3,965 | | | | |
| Stone, Crushed..... | 9,849 | 8,478 | 3,818 | | | | | | | |
| Sand..... | 640,223 | 1,536,414 | 561,048 | | | | | | | |
| Sand and Gravel..... | 5,797 | 7,315 | 6,422 | 5,080 | 4,326 | 1,127 | | | | |
| Iron Pipe..... | 202,037 | 180,136 | 134,414 | 112,893 | 119,434 | 110,254 | 63,965 | 89,381 | 88,299 | 83,434 |
| Iron and Steel..... | 996,609 | 830,606 | 530,240 | 544,712 | 633,261 | 663,528 | 562,698 | 661,872 | 558,119 | 299,025 |
| Iron Pig..... | 600,640 | 632,978 | 426,381 | 317,133 | 400,808 | 398,376 | 425,030 | 441,430 | 418,098 | 367,706 |
| Pig Lead..... | 35,286,311 | 71,203,545 | 21,295,685 | 35,139,366 | 7,019,713 | 40,239,358 | 27,753,245 | 43,351,443 | 36,258,507 | 33,954,725 |
| White Lead..... | 4,826,953 | 5,642,773 | 9,532,471 | 3,811,180 | 4,986,730 | 5,620,147 | 4,234,569 | 2,587,535 | 3,717,126 | |
| Petroleum..... | 489,329 | 404,646 | 378,790 | 265,085 | 273,871 | 345,227 | 396,271 | 407,673 | 401,841 | 393,390 |
| Starline..... | 57,833 | 22,899 | 9,653 | 10,008 | 14,011 | 11,283 | 12,330 | 14,532 | 11,731 | 6,404 |
| Turpentine..... | 56,649 | 61,567 | 50,062 | 49,818 | 61,521 | 64,616 | 43,033 | 62,247 | 50,172 | 43,129 |
| Wines, Liquors, Tobacco. | | | | | | | | | | |
| Alcohol..... | 55,576 | 107,696 | 12,622 | 5,534 | 7,222 | 5,265 | 3,433 | 4,221 | 4,340 | |
| Ale, Beer and Porter..... | 101,073 | 94,252 | 105,826 | 213,542 | 366,022 | 189,549 | 251,325 | 183,916 | 252,436 | 168,256 |
| Whiskey..... | 165,601 | 145,271 | 139,284 | 163,633 | 189,932 | 190,364 | 199,303 | 246,978 | 211,425 | 183,134 |
| Wines and Liquors..... | 34,633 | 31,720 | 14,711 | 24,603 | 28,544 | 33,198 | 21,264 | 24,907 | 14,275 | 15,049 |
| Wines and Liquors..... | 263,787 | 1,538,183 | 200,332 | 184,969 | 342,783 | 321,753 | 299,441 | 359,019 | 243,869 | 164,164 |
| Leaf Tobacco..... | 42,069 | 57,684 | 62,311 | 58,695 | 56,710 | 75,510 | 82,122 | 70,370 | 64,013 | 68,798 |
| Leaf Tobacco..... | 60,583 | 48,682 | 56,778 | 64,117 | 64,602 | 73,097 | 48,902 | 48,810 | 53,918 | 54,717 |
| Manufactured Tobacco..... | 188,893 | 237,405 | 133,750 | 124,950 | 171,105 | 114,590 | 101,535 | 162,401 | 137,353 | 111,773 |
| Miscellaneous. | | | | | | | | | | |
| Asphalt..... | 2,023 | 1,845 | 1,593 | 618 | 957 | 621 | | | | |
| Feathers..... | 1,930,907 | 1,732,609 | 1,172,590 | 1,032,021 | 1,286,656 | 1,533,436 | 1,052,045 | 722,775 | 736,068 | 1,166,711 |
| Fertilizers..... | 5,619 | 2,666 | 1,026 | 1,031 | 2,408 | 327 | | | | |
| Grease..... | 136,563 | 111,569 | 113,125 | 129,884 | 125,216 | 137,038 | 109,421 | 130,197 | 109,795 | 141,990 |
| Paper..... | 11,821 | 10,871 | 8,126 | 7,704 | 7,596 | 2,126 | | | | |
| Phosphate Rock, lump..... | 6,506 | 5,171 | 4,668 | 5,212 | 5,743 | 2,359 | | | | |
| Phosphate Rock, ground..... | 922 | 728 | 651 | | | | | | | |
| Tankage..... | 879 | 900 | | 709 | 1,248 | 523 | | | | |
| Soda Ash..... | 2,374 | 3,670 | 1,925 | 1,834 | 1,538 | 393 | | | | |
| Merchandise..... | 3,043,094 | 1,399,570 | 1,510,635 | 1,843,710 | 1,974,007 | 2,778,397 | 2,131,572 | 5,304,254 | 2,550,709 | |
| Bark..... | 610 | 1,623 | 908 | 343 | 926 | 690 | | | | |
| Dried Grain..... | 1,652 | 1,290 | 611 | 863 | 1,103 | 209 | | | | |

SHIPMENTS FROM CINCINNATI

Table showing the total volume of shipments of the principal commodities from Cincinnati for ten years, including 1917, compiled from the records of the Chamber of Commerce. These figures include shipments by river and rail, and include all movement passing through Cincinnati exclusive of through movement of Grain and Live Stock. For Local Movement see pages 88 and 89. The shipments by river are shown separately in another table.

| ARTICLES | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 |
|--|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Cereals, Grain, and Farm Products. | | | | | | | | | | |
| Barley.....bush | 118,351 | 30,505 | 33,565 | 34,724 | 141,997 | 22,518 | 14,312 | 10,490 | 36,032 | 4,936 |
| Oats.....bush | 4,657,197 | 3,121,093 | 4,919,785 | 5,301,039 | 4,249,790 | 5,630,792 | 6,305,399 | 6,563,767 | 4,003,444 | 4,677,550 |
| Corn.....bush | 5,146,432 | 6,021,083 | 5,453,405 | 4,334,653 | 6,094,773 | 4,663,938 | 4,834,814 | 4,169,227 | 4,441,804 | 3,221,901 |
| Rye.....bush | 511,274 | 208,016 | 429,906 | 157,670 | 285,379 | 307,113 | 290,046 | 317,375 | 250,501 | 259,628 |
| Wheat.....bush | 6,152,512 | 5,089,435 | 5,925,048 | 2,274,321 | 2,337,063 | 2,446,283 | 2,942,561 | 3,229,908 | 3,644,416 | 3,783,696 |
| Bran and Middlings.....bush | 131,894 | 112,198 | 112,407 | 102,749 | 55,382 | 43,800 | 47,418 | 60,805 | 55,241 | 52,100 |
| Flour.....bbls | 1,478,178 | 1,706,351 | 1,287,791 | 1,346,833 | 947,606 | 1,010,948 | 873,812 | 848,984 | 914,878 | 957,773 |
| Malt.....bush | 505,435 | 382,773 | 402,125 | 891,508 | 274,534 | 250,192 | 447,797 | 470,989 | 445,651 | 463,036 |
| Malt Sprouts.....cars | 66 | 79 | 8 | 16 | 41 | 9 | | | | |
| Hay.....bales | 257,307 | 117,435 | 138,777 | 198,342 | 170,096 | 91,436 | 97,348 | 141,085 | 115,322 | 110,053 |
| Cotton.....bales | 114,160 | 284,415 | 297,330 | 249,575 | 189,728 | 275,983 | 190,898 | 176,816 | 120,213 | 143,322 |
| Cotton Seed Meal.....cars | 1,016 | 950 | 1,745 | 2,880 | 1,399 | 857 | | | | |
| Straw.....cars | 3,356 | 1,959 | 1,284 | 1,948 | 3,060 | 3,656 | | | | |
| Hops.....100 lb. bales | 4,608 | 3,817 | 12,857 | 14,413 | 5,967 | 2,903 | 2,369 | 1,120 | 1,001 | 1,578 |
| Flax Seed.....100 lb. bags | 34,127 | 35,207 | 38,925 | 10,837 | 36,476 | 28,943 | 33,937 | 40,389 | 42,900 | 31,786 |
| Timothy Seed.....100 lb. bags | 31,998 | 1,006 | 1,304 | 1,886 | 194 | 371 | 169 | 275 | 241 | 93 |
| Other Seeds.....100 lb. bags | 138,214 | 123,537 | 145,278 | 131,887 | 131,271 | 135,573 | 91,706 | 45,112 | 45,955 | 27,378 |
| Hemp.....100 lb. bags | 82,415 | 60,254 | 24,485 | 22,534 | 10,987 | 11,856 | 6,966 | 8,860 | 11,856 | 12,010 |
| Broom Corn.....100 lb. bales | 715,477 | 623,297 | 531,064 | 518,780 | 531,862 | 583,076 | 159,237 | 984,440 | 1,013,940 | 1,823,775 |
| Coal and Coke. | | | | | | | | | | |
| Coal, Bituminous.....tons | 10,854,456 | 15,399,531 | 11,827,780 | 4,874,772 | 4,691,993 | 4,671,133 | 4,323,418 | 4,207,040 | 2,797,520 | 2,569,360 |
| Coal, Anthracite.....tons | 3,053 | 8,550 | 4,670 | 15,816 | 6,782 | 5,568 | 8,480 | 5,440 | 6,560 | |
| Coke.....tons | 94,144 | 139,020 | 48,734 | 36,361 | 96,629 | 48,120 | 33,500 | 60,960 | 77,060 | 90,180 |
| Fruits, Vegetables, Produce Dairy Products. | | | | | | | | | | |
| Apples.....bbls | 165,844 | 210,733 | 195,824 | 169,469 | 158,147 | 158,484 | 124,881 | 251,276 | 145,569 | 178,211 |
| Bananas.....tons | 22,779 | 28,979 | 22,785 | 19,065 | 20,821 | 15,116 | 10,316 | 11,410 | 6,962 | |
| Dried Fruit.....lb | 4,841,076 | 8,693,733 | 8,435,014 | 3,366,707 | 3,304,769 | 6,159,052 | 6,038,943 | 6,006,458 | 2,121,762 | 2,836,446 |
| Green Fruit.....lb | 30,952 | 26,229 | 27,039 | 30,309 | 28,399 | 36,093 | 17,602 | 31,689 | 24,499 | 36,260 |
| Lemons.....boxes | 79,876 | 65,225 | 55,935 | 35,539 | 27,481 | 32,933 | 52,915 | 44,925 | 29,665 | |
| Oranges.....boxes | 77,326 | 1,071,400 | 965,326 | 916,313 | 780,970 | 554,526 | 343,953 | 455,692 | 440,247 | 346,070 |
| Butter.....100 lb. pkgs | 123,378 | 152,974 | 114,689 | 62,413 | 72,364 | 76,646 | 86,604 | 61,691 | 84,939 | 73,385 |
| Oleomargarine.....lb | 23,300,340 | 11,229,063 | 7,930,346 | 6,796,233 | 5,950,062 | 6,648,329 | 4,510,786 | 5,381,051 | 4,760,481 | 2,286,855 |
| Eggs.....cases | 652,043 | 675,214 | 598,173 | 329,149 | 413,543 | 429,213 | 368,363 | 385,467 | 381,197 | 322,329 |
| Potatoes.....bush | 1,621,069 | 847,486 | 1,820,626 | 1,591,070 | 1,226,352 | 1,040,348 | 1,025,227 | 1,116,153 | 772,377 | 869,715 |
| Vegetables.....bush | 29,620 | 61,810 | 45,033 | 49,930 | 37,176 | 30,694 | 26,881 | 36,873 | 39,681 | 38,773 |
| Onions.....bbls | 75,230 | 105,781 | 114,659 | 112,232 | 82,098 | 65,747 | 49,724 | 82,134 | 75,634 | |
| Watermelons.....cars | 4,296 | 3,206 | 2,368 | 4,242 | 2,565 | 2,098 | 2,592 | 2,275 | 2,090 | |
| Cantaloupes.....cars | 383 | 678 | 232 | | | | | | | |
| Poultry.....cars | 841 | 1,251 | 1,002 | 856 | 775 | 375 | | | | |
| Fish.....100 lb. pkgs | 222,332 | 378,422 | 242,163 | 153,510 | 180,394 | 166,148 | 135,555 | 145,500 | 135,643 | |

SHIPMENTS FROM CINCINNATI—Continued

| ARTICLES | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Groceries. | | | | | | | | | | |
| Beans..... bush | 283,461 | 229,109 | 282,179 | 425,142 | 335,584 | 243,588 | 245,163 | 325,789 | 232,407 | ..... |
| Candles..... boxes | 96,818 | 103,846 | 80,284 | 50,769 | 56,756 | 44,574 | 42,839 | 65,049 | 85,254 | ..... |
| Coffee..... 100 lb. bags | 308,467 | 312,814 | 308,910 | 50,555 | 362,263 | 309,502 | 249,417 | 488,986 | 345,358 | 269,948 |
| Flour..... 60 lb. bags | 103,708 | 79,253 | 93,759 | 83,204 | 96,586 | 90,916 | 62,967 | 104,551 | 96,038 | 58,582 |
| Wheat..... 60 lb. bags | 31,808 | 49,733 | 49,733 | 53,211 | 39,347 | 42,302 | 127,603 | 41,451 | 44,091 | 24,743 |
| Peas..... 100 lb. bags | 87,781 | 68,607 | 71,682 | 171,682 | 95,227 | 190,351 | 84,864 | 122,602 | 123,900 | 106,494 |
| Plums..... 100 lb. bags | 283,051 | 213,315 | 142,523 | 146,401 | 142,523 | 170,144 | 100,646 | 94,622 | 123,743 | 79,684 |
| Rice..... 100 lb. bags | 498,313 | 547,198 | 483,730 | 483,730 | 483,730 | 555,250 | 335,956 | 380,913 | 400,877 | 400,877 |
| Salt..... 60 lb. bags | 6,780,304 | 5,468,850 | 5,097,081 | 4,052,628 | 3,670,641 | 3,287,156 | 3,010,835 | 4,517,189 | 4,222,769 | 3,938,385 |
| Sorghum..... 60 lb. bags | 331 | 692 | 692 | 87 | 223 | 231 | 311 | 402 | 2,195 | ..... |
| Sugar..... 60 lb. bags | 656,363 | 854,345 | 408,718 | 300,644 | 113,886 | 105,089 | 158,805 | 455,156 | 279,067 | 173,313 |
| Starch..... 60 lb. bags | 233,916 | 212,407 | 191,413 | 180,635 | 170,638 | 252,244 | 270,892 | 205,540 | 197,039 | 182,300 |
| Live Stock and Products. | | | | | | | | | | |
| Cattle..... head | 187,777 | 189,934 | 140,698 | 120,173 | 157,397 | 159,379 | 132,120 | 122,612 | 101,826 | 94,573 |
| Hogs..... head | 878,888 | 664,894 | 466,607 | 536,695 | 594,200 | 594,200 | 456,810 | 343,322 | 397,747 | 552,237 |
| Sheep..... head | 291,751 | 274,618 | 353,586 | 454,987 | 487,731 | 418,578 | 381,127 | 360,019 | 340,157 | 377,837 |
| Forces and Mules..... head | 1,074 | 116,274 | 30,322 | 17,657 | 17,657 | 14,571 | 14,571 | 20,419 | 20,903 | 18,177 |
| Foreign Meat..... lbs | 95,445,724 | 80,117,955 | 35,724,555 | 50,462,660 | 26,409,166 | 31,634,142 | 27,868,871 | 35,518,245 | 26,647,823 | 26,200,249 |
| Salt Beef..... lbs | 3,134,566 | 1,071,435 | 3,218,866 | 3,461,552 | 1,673,938 | 635,601 | 1,372,915 | 957,086 | 823,384 | 750,512 |
| D. S. Meat, Loose..... lbs | 46,126,334 | 43,309,354 | 19,743,313 | 32,460,007 | 22,681,884 | 32,834,182 | 46,695,540 | 59,884,136 | 75,170,532 | 93,451,133 |
| D. S. Meat, Boxes..... lbs | 15,512,649 | 15,187,935 | 16,600,209 | 12,555,426 | 12,874,346 | 17,278,322 | 6,009,500 | 5,788,500 | 6,957,000 | 8,543,000 |
| Bacon..... lbs | 15,985,328 | 21,308,978 | 27,622,118 | 28,411,354 | 11,286,039 | 8,647,376 | 5,764,468 | 5,452,392 | 4,719,367 | 4,476,907 |
| Hams..... lbs | 6,006,382 | 9,512,700 | 11,178,904 | 8,853,597 | 7,784,423 | 9,758,376 | 8,375,876 | 7,759,620 | 7,868,493 | 9,363,588 |
| Lard..... lbs | 22,840,386 | 23,356,155 | 29,635,600 | 29,811,051 | 24,735,371 | 23,604,242 | 34,018,117 | 39,859,622 | 44,982,204 | 44,982,204 |
| Pork..... lbs | 6,987 | 4,185 | 4,367 | 5,377 | 3,811 | 3,921 | 1,300 | 1,314 | 1,465 | 3,317 |
| Hides..... 60 lb. bundles | 634,065 | 577,065 | 542,458 | 635,511 | 635,511 | 527,567 | 665,104 | 656,542 | 682,605 | 895,474 |
| Hides..... 100 lb. bundles | 664,480 | 293,448 | 279,618 | 287,471 | 355,831 | 319,974 | 264,618 | 251,688 | 227,805 | 227,805 |
| Tallow..... 100 lb. barrels | 311,535 | 4,842 | 5,774 | 7,043 | 3,911 | 2,737 | 5,452 | 4,352 | 4,083 | 3,354 |
| Wool..... 100 lb. barrels | 249,362 | 103,474 | 182,643 | 159,521 | 75,430 | 142,860 | 53,605 | 51,080 | 37,974 | 123,000 |
| Wool..... 60 lb. bundles | 14,616 | 30,514 | 23,030 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Manufactured Articles. | | | | | | | | | | |
| Agricultural Implements..... cars | 1,499 | 1,443 | 1,591 | 1,367 | 947 | 187 | ..... | ..... | ..... | ..... |
| Automobiles..... number | 64,899 | 53,245 | 34,146 | 31,242 | 19,289 | 7,460 | ..... | ..... | ..... | ..... |
| Boots and Shoes..... cases | 372,313 | 437,457 | 342,300 | 371,125 | 400,382 | 337,813 | 242,612 | 310,685 | 284,755 | 247,164 |
| Cooperage..... pieces | 401,807 | 498,196 | 469,821 | 359,985 | 457,329 | 478,528 | 402,384 | 508,208 | 404,516 | ..... |
| Furniture..... 100 lb. pkgs | 706,318 | 778,693 | 627,117 | 726,212 | 640,087 | 648,657 | 228,091 | 431,920 | 327,163 | ..... |
| Glassware and Crockery..... 100 lb. pkgs | 1,799,395 | 11,939,421 | 1,416,301 | 1,689,019 | 1,501,111 | 508,953 | ..... | ..... | ..... | ..... |
| Machinery..... cars | 9,711 | 7,841 | 5,839 | 4,631 | 5,004 | 1,081 | ..... | ..... | ..... | ..... |
| Vehicles..... cars | 1,614 | 1,704 | 1,148 | 1,646 | 2,198 | 2,366 | ..... | ..... | ..... | ..... |
| Vehicles..... number | 11,577 | 14,524 | 15,898 | 25,060 | 27,063 | 24,418 | ..... | ..... | ..... | ..... |
| Staves..... cars | 3,117 | 3,791 | 3,535 | 2,747 | 3,535 | 1,077 | ..... | ..... | ..... | ..... |
| Cross Ties..... cars | 8,029 | 7,152 | 6,743 | 9,010 | 13,150 | 1,696 | ..... | ..... | ..... | ..... |
| Other Manufactures..... pieces | 312,518 | 468,275 | 174,742 | 367,208 | 241,502 | 89,832 | 111,499 | 294,581 | 273,295 | ..... |
| Metals, Building Materials, Oils. | | | | | | | | | | |
| Brick..... bbls | 439,709 | 443,161 | 479,957 | 493,519 | 437,497 | 187,293 | 284,020 | 409,985 | 398,120 | ..... |
| Brick..... cars | 5,462 | 5,658 | 5,732 | 2,995 | 4,931 | 906 | ..... | ..... | ..... | ..... |
| Lumber..... 100 lb. kegs | 60,764 | 77,249 | 73,259 | 66,991 | 77,961 | 67,790 | 62,601 | 75,883 | 63,458 | 45,947 |
| Nails..... 100 lb. kegs | 283,946 | 230,442 | 230,442 | 267,554 | 265,419 | 324,230 | 206,835 | 271,191 | 322,610 | ..... |
| Oils..... bbls | 694,046 | 648,700 | 717,774 | 590,233 | 598,283 | 433,700 | 549,265 | 681,519 | 744,714 | 486,760 |
| Rosin..... bbls | 128,464 | 123,886 | 73,230 | 45,734 | 69,965 | 73,060 | 52,383 | 80,023 | 65,718 | ..... |

(Continued on next page.)

SHIPMENTS FROM CINCINNATI—Continued.

| ARTICLES | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 |
|--|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Metals, Building Materials, Oils—Continued. | | | | | | | | | | |
| Stone, Crushed..... | 1,799 | 1,605 | 1,544 | 2,044 | 2,628 | 667 | | | | |
| Stone, Crushed..... | 1,431 | 596 | 337 | | | | | | | |
| Sand and Gravel..... | 80,019 | 62,565 | 58,608 | | | | | | | |
| Iron Pipe..... | 223,623 | 180,557 | 8,069 | 6,331 | 5,927 | 1,070 | | | | |
| Iron and Steel..... | 842,438 | 808,927 | 487,903 | 106,268 | 106,118 | 100,177 | 55,808 | 84,541 | 83,373 | 65,305 |
| Pig Lead..... | 283,476 | 268,897 | 211,619 | 182,495 | 236,806 | 266,717 | 516,910 | 636,197 | 505,477 | 268,028 |
| White Lead..... | 8,208,415 | 8,930,128 | 23,450,395 | 2,240,789 | 1,544,015 | 4,256,771 | 265,545 | 289,853 | 254,907 | 251,274 |
| Petroleum..... | 36,294,620 | 34,570,786 | 30,689,756 | 31,147,270 | 18,882,603 | 30,635,893 | 19,873,111 | 29,515,550 | 29,181,546 | 24,107,010 |
| Stearine..... | 281,957 | 228,487 | 222,624 | 103,287 | 111,652 | 182,157 | 249,297 | 287,783 | 213,758 | 163,148 |
| Turpentine..... | 92,134 | 71,162 | 63,665 | 57,390 | 48,075 | 25,407 | 19,388 | 39,754 | 27,825 | 13,752 |
| Wines, Liquors, Tobacco. | 43,838 | 56,307 | 42,141 | 36,601 | 38,727 | 40,971 | 30,192 | 49,043 | 44,102 | 35,389 |
| Alcohol..... | 74,196 | 157,899 | 6,685 | 8,719 | 9,552 | 6,663 | 3,820 | 7,134 | 6,329 | |
| Ale, Beer and Porter..... | 2,301,801 | 2,143,438 | 2,188,455 | 2,816,229 | 3,088,770 | 4,446,933 | 2,198,028 | 3,415,036 | 2,043,828 | 2,255,740 |
| Whiskey..... | 372,923 | 334,145 | 268,863 | 293,262 | 297,778 | 308,930 | 265,169 | 374,007 | 365,487 | 313,221 |
| Wines and Liquors..... | 46,872 | 43,663 | 29,281 | 34,660 | 37,209 | 32,489 | 21,181 | 23,631 | 16,864 | 16,766 |
| Leaf Tobacco..... | 449,031 | 443,912 | 470,974 | 429,844 | 513,021 | 479,698 | 375,800 | 400,000 | 352,970 | 275,657 |
| Leaf Tobacco..... | 38,933 | 62,480 | 56,773 | 57,497 | 62,148 | 71,381 | 67,895 | 57,030 | 50,451 | 56,138 |
| Leaf Tobacco..... | 38,395 | 35,253 | 48,106 | 56,060 | 50,431 | 54,018 | 33,466 | 42,902 | 40,854 | 34,679 |
| Manufactured Tobacco..... | 196,364 | 302,543 | 133,475 | 133,636 | 195,049 | 122,315 | 71,461 | 162,708 | 161,899 | 131,630 |
| Miscellaneous. | | | | | | | | | | |
| Asphalt..... | 450 | 668 | 839 | 342 | 361 | 64 | | | | |
| Feathers..... | 1,847,224 | 861,745 | 853,418 | 540,762 | 1,099,950 | 1,582,454 | 143,701 | 786,329 | 941,767 | 777,240 |
| Fertilizers..... | 8,159 | 5,486 | 6,800 | 7,827 | 9,361 | 2,213 | | | | |
| Grease..... | 225,746 | 363,418 | 215,832 | 230,977 | 198,698 | 128,367 | 98,427 | 96,157 | 55,408 | 30,191 |
| Paper..... | 12,241 | 9,038 | 6,736 | 5,840 | 6,163 | 1,680 | | | | |
| Phosphate Rock, lump..... | 4,439 | 2,646 | 2,723 | 3,127 | 3,460 | 835 | | | | |
| Phosphate Rock, ground..... | 390 | 461 | 519 | | | | | | | |
| Tankage..... | 1,122 | 1,201 | 881 | 588 | 1,647 | 458 | | | | |
| Soda Ash..... | 1,043 | 2,518 | 441 | 377 | 360 | 109 | | | | |
| Merchandise..... | 2,330,653 | 1,955,962 | 1,538,926 | 1,642,532 | 1,604,493 | 2,034,719 | 1,837,348 | 2,135,448 | 1,809,397 | |
| Bark..... | 91 | 103 | 72 | 60 | 196 | 139 | 262 | 117 | 167 | |
| Dried Grain..... | 3,359 | 3,675 | 1,694 | 3,403 | 3,012 | 984 | | | | |

AVERAGE ANNUAL PRICES

Table showing the average annual wholesale prices in Cincinnati of the most important commodities for 10 years including 1917 together with the range of prices for 1917 and the average for the ten year period. An effort has been made to group under proper headings the kindred lines for convenience in making comparisons. These prices are all based upon dollars and decimals thereof.

| ARTICLES | | Unit | Range of 1917 | | | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 | 10 year average |
|--|--|--------|----------------|-------|-------|-------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-----------------|
| Cereals, Grain and Farm Products. | | | | | | | | | | | | | | | | |
| | Barley No. 3 Spring..... | Bushel | 1.18 @ 2.35 | 1.67 | 1.41 | .94 | .725 | .685 | .654 | .918 | 1.03 | .75 | .76 | .80 | .868 | |
| | Corn No. 2 Mixed..... | " | .97 @ 2.35 | 1.077 | .836 | .748 | .729 | .683 | .653 | .713 | .60 | .59 | .67 | .68 | .788 | |
| | Oats No. 2 Mixed..... | " | 1.38 @ 1.85 | 1.658 | .917 | .864 | .808 | .864 | .908 | 1.166 | 1.20 | .855 | .78 | 1.00 | 1.034 | |
| | Malt, Bottle Beer..... | " | .51 @ .865 | .669 | .468 | .499 | .436 | .394 | .4025 | .39 | .51 | .49 | .51 | .472 | .589 | |
| | Oats No. 2 Mixed..... | " | 1.43 @ 2.50 | 1.85 | 1.133 | 1.09 | .79 | .655 | .837 | .93 | .82 | .81 | .81 | .83 | .975 | |
| | Rye No. 2..... | " | 1.72 @ 3.38 | 2.304 | 1.404 | 1.33 | 1.02 | .827 | .975 | 1.081 | 1.24 | 1.09 | 1.24 | .99 | 1.246 | |
| | Wheat No. 2 Red..... | " | 7.75 @ 15.75 | 10.67 | 6.31 | 5.61 | 3.775 | 3.503 | 4.022 | 3.24 | 3.24 | 3.90 | 4.80 | 3.75 | 4.928 | |
| | Flour, Winter Family..... | Bbls | 6.25 @ 14.25 | 9.15 | 5.19 | 3.42 | 3.244 | 3.742 | 2.87 | 3.35 | 4.45 | 3.50 | 4.45 | 3.50 | 4.452 | |
| | Flour, Winter Extra..... | " | 5.75 @ 12.75 | 8.65 | 4.86 | 3.22 | 2.973 | 3.54 | 2.69 | 2.95 | 4.00 | 3.20 | 4.11 | 3.20 | 4.11 | |
| | Flour, Winter Low Grade..... | " | 6.25 @ 14.75 | 9.84 | 5.47 | 3.97 | 3.625 | 5.44 | 4.19 | 4.50 | 4.80 | 4.40 | 5.17 | 4.40 | 5.17 | |
| | Flour, Hard Wheat Family..... | " | | | | | | | | | | | | | | |
| | Flour, Hard Wheat Family..... | " | | | | | | | | | | | | | | |
| | Bran and Middlings..... | Ton | 28.50 @ 43.50 | 36.16 | 24.10 | 23.46 | 24.49 | 22.01 | 24.391 | 23.14 | 21.60 | 23.70 | 22.50 | 24.55 | 24.55 | |
| | Brain Feed..... | " | 31.00 @ 46.00 | 39.00 | 25.40 | 24.85 | 25.44 | 23.02 | 25.37 | 23.48 | 23.24 | 24.67 | 21.54 | 25.60 | 25.60 | |
| | Mixed Feed..... | " | 34.00 @ 53.00 | 45.35 | 29.33 | 28.30 | 28.06 | 26.13 | 27.994 | 26.54 | 25.50 | 26.20 | 26.60 | 29.00 | 29.00 | |
| | Middlings Fine..... | " | 32.50 @ 50.00 | 42.50 | 27.03 | 26.84 | 26.84 | 24.875 | 26.585 | 25.28 | 23.60 | 25.00 | 25.50 | 27.41 | 27.41 | |
| | Middlings Coarse..... | " | 15.00 @ 31.00 | 20.75 | 18.53 | 19.47 | 18.95 | 17.79 | 22.684 | 21.94 | 18.50 | 14.85 | 13.50 | 18.69 | 18.69 | |
| | Hay, No. 1 Timothy..... | " | 15.00 @ 29.50 | 20.34 | 16.25 | | | | | | | | | | | |
| | No. 1 Clover, Mixed..... | " | 16.00 @ 30.50 | 20.64 | 13.28 | | | | | | | | | | | |
| | No. 1 Clover..... | " | 8.00 @ 15.00 | 10.67 | 8.35 | 7.956 | 7.29 | 8.123 | 11.078 | 5.05 | 2.30 | 1.35 | 1.75 | 8.96 | 8.96 | |
| | Clover Seed on arrival..... | Bushel | 1.30 @ 3.50 | 2.45 | 2.11 | 2.45 | 1.98 | 1.775 | 4.33 | 2.60 | 2.25 | 1.60 | 1.15 | 2.56 | 2.56 | |
| | Timothy Seed on arrival..... | Bushel | 2.25 @ 4.25 | 3.06 | 2.33 | 1.75 | 1.48 | 1.50 | 2.61 | .32 | 1.995 | 1.675 | .085 | 2.03 | 2.03 | |
| | Flax Seed on arrival..... | Pound | .11 @ .43 | .21 | .147 | .163 | .206 | .229 | .3454 | .085 | .085 | .085 | .0810 | .0850 | .208 | |
| | Hops..... | " | | | | | | | | | | | | | | |
| | Coal and Coke. | | | | | | | | | | | | | | | |
| | Kanawha, Afloat..... | Bushel | 4.95 @ 7.50 | 5.74 | .10 | .081 | .086 | .0826 | .081 | .085 | .085 | .085 | .085 | .0810 | .0850 | 3.63 |
| | Bituminous..... | Ton | \$9.00 @ 10.50 | 9.02 | 8.32 | 7.85 | 7.00 | 7.06 | 7.58 | 7.31 | 7.38 | 7.13 | 7.23 | 7.59 | 7.59 | |
| | Anthracite, Egg Stove Chestnut, delivered..... | " | *5.50 @ 7.75 | 7.23 | 6.17 | 6.25 | 6.26 | 6.425 | 5.782 | 5.93 | 5.74 | 5.75 | 5.75 | 6.13 | 6.13 | 7.59 |
| | Coke, Bt Product, crushed, delivered..... | " | | | | | | | | | | | | | | |
| | Fruits, Vegetables, Produce and Dairy Products. | | | | | | | | | | | | | | | |
| | Dairy Products. | | | | | | | | | | | | | | | |
| | Apples, Prime to Choice..... | Barrel | 2.75 @ 5.50 | 4.58 | 2.72 | 2.32 | 3.53 | 2.84 | 2.41 | 4.06 | 3.75 | 4.60 | 3.40 | 3.40 | 3.40 | 3.40 |
| | Apples, Prime to Choice..... | Pound | .06 @ .13 | .09 | .0544 | .0510 | .05 | .0522 | .0702 | .085 | .085 | .085 | .085 | .086 | .083 | .07218 |
| | Apples, dried, Prime to choice..... | " | .0625 @ .14 | .12 | .0703 | .0498 | .076 | .0757 | .094 | .094 | .075 | .075 | .075 | .079 | .1145 | .0846 |
| | Peaches, dried, California fancy..... | Boxes | 2.00 @ 6.50 | 3.80 | 3.63 | 2.05 | 3.45 | 5.71 | 4.81 | 3.91 | 5.04 | 3.41 | 3.81 | 3.18 | 3.18 | 3.18 |
| | Lemons, choice..... | " | 1.25 @ 3.50 | 2.51 | 2.45 | 2.24 | 2.19 | 2.69 | 2.94 | 2.96 | 2.88 | 2.53 | 3.22 | 3.22 | 3.22 | 3.22 |
| | Oranges, choice..... | " | 1.25 @ 3.50 | 2.51 | 2.45 | 2.24 | 2.19 | 2.69 | 2.94 | 2.96 | 2.88 | 2.53 | 3.22 | 3.22 | 3.22 | 3.22 |
| | Butter, Dairy fancy..... | Pound | .31 @ .44 | .357 | .271 | .22 | .22 | .234 | .238 | .16 | .211 | .195 | .1765 | .1765 | .1765 | .228 |
| | Butter, Dairy fancy..... | " | .39 @ .53 | .45 | .362 | .348 | .328 | .30 | .308 | .29 | .322 | .3105 | .27 | .329 | .329 | .329 |
| | Butter, Creamery extra whole milk..... | " | .15 @ .25 | .233 | .161 | .173 | .1497 | .171 | .171 | .16 | .1615 | .1615 | .1615 | .168 | .168 | .168 |
| | Oleomargarine..... | " | .15 @ .25 | .233 | .161 | .173 | .1497 | .171 | .171 | .16 | .1615 | .1615 | .1615 | .168 | .168 | .168 |
| | Eggs, Prime firsts..... | Dosen | .25 @ .59 | .39 | .277 | .25 | .247 | .236 | .23 | .23 | .247 | .24 | .20 | .20 | .20 | .20 |
| | Eggs, Prime firsts..... | " | .25 @ .59 | .39 | .277 | .25 | .247 | .236 | .23 | .23 | .247 | .24 | .20 | .20 | .20 | .20 |
| | Potatoes, on arrival at R. R..... | Bushel | 1.10 @ 3.90 | 2.07 | 1.18 | .495 | .795 | .66 | 1.167 | .84 | .78 | .78 | .78 | .78 | .78 | .92 |

Continued on next page.

*To June 30.

AVERAGE ANNUAL PRICES—Continued

| ARTICLES | Unit | Range of 1917 | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 | 10 year average |
|--|---------|---------------|-------|-------|-------|-------|-------|--------|-------|--------|--------|--------|-----------------|
| Groceries | | | | | | | | | | | | | |
| Candies, Star..... | Pound | 12 @ 13 | 128 | 108 | 0998 | 10 | 10 | 101 | 1025 | 1025 | 1035 | 1050 | 105 |
| Coffee, Fair Rio..... | " | 13875 @ 14125 | 130 | 14125 | 14 | 164 | 17 | 179 | 15 | 112 | 1035 | 0965 | 1395 |
| Coffee, Fair York..... | " | 25 @ 275 | 268 | 20 | 175 | 176 | 178 | 181 | 1507 | 1755 | 1611 | 1478 | 1813 |
| Cheese, Ohio..... | " | 24 @ 26 | 25 | 19 | 164 | 163 | 168 | 173 | 1507 | 1685 | 1811 | 1350 | 171 |
| Molasses, Prime to Strict Prime N.O.K..... | Gallon | 45 @ 58 | 546 | 475 | 431 | 408 | 42 | 33 | 38 | 331 | 3535 | 405 | 415 |
| Peas, fancy hand picked..... | Pound | 05 @ 12 | 0908 | 0506 | 0543 | 059 | 0571 | 046 | 048 | 0465 | 048 | 045 | 0545 |
| Rice, Japan..... | " | 045 @ 085 | 07 | 0195 | 0544 | 045 | 0518 | 036 | 03 | 056 | 0655 | 0685 | 0564 |
| Salt, Ohio River and Kanawha..... | Barrel | 1.40 @ 2.01 | 1.72 | 1.10 | 1.05 | 1.15 | 1.134 | .97 | .95 | .95 | .93 | .95 | 1.09 |
| Soap, See separate item..... | | | | | | | | | | | | | |
| Sorghum, Prime to choice..... | Gallon | 33 @ 80 | 54 | 348 | 313 | 35 | .38 | 388 | 3487 | 339 | 377 | 403 | 379 |
| Starch, Pearl, in 280 lb. bags..... | Cwt. | 3.05 @ 6.20 | 4.53 | 2.55 | 2.11 | 2.16 | 2.09 | | | | | | |
| Starch, Powdered, in 280 lb. bags..... | " | 3.10 @ 6.40 | 4.68 | 2.80 | 2.16 | 2.21 | 2.14 | | | | | | |
| Starch, Lump, in 50 lb. boxes..... | " | 3.55 @ 6.71 | 5.07 | 3.00 | 2.58 | 2.58 | 2.68 | | | | | | |
| Sugar, Off "A"..... | 100 lb. | 6.85 @ 8.95 | 8.20 | 7.16 | 5.79 | 5.01 | 4.735 | 5.504 | 5.80 | 5.17 | 5.09 | 5.16 | 5.76 |
| Sugar, Hard..... | " | 7.25 @ 10.80 | 9.27 | 7.95 | 6.44 | 5.70 | 5.247 | 6.037 | 6.30 | 5.60 | 5.80 | 6.00 | 6.33 |
| Live Stock and Products | | | | | | | | | | | | | |
| Cattle, Fair to medium butchers..... | Cwt. | 6.25 @ 9.75 | 8.57 | 6.55 | 5.61 | 6.06 | 5.98 | 6.945 | 4.33 | 4.60 | 4.35 | 4.05 | 5.705 |
| Hogs, Fair to good packers..... | " | 10.40 @ 19.50 | 15.56 | 9.63 | 7.375 | 8.41 | 8.57 | 7.688 | 6.78 | 9.15 | 7.45 | 5.75 | 8.64 |
| Sheep, Good to extra..... | " | 6.00 @ 12.50 | 9.25 | 6.79 | 5.65 | 4.73 | 4.595 | 3.82 | 3.41 | 4.75 | 4.45 | 4.10 | 5.16 |
| Fresh Meat, Beef Carcass..... | Pound | 11 @ 17 | 1369 | | 1275 | 13 | 121 | 111 | | | | | |
| Mess Pork..... | Barrel | 29.50 @ 45.50 | 39.59 | 23.40 | 15.27 | 20.46 | 19.73 | 19.202 | 17.02 | 24.10 | 20.80 | 14.95 | 21.45 |
| Dry Salted Shoulders..... | " | .15 @ 28 | 222 | 137 | 1020 | 1106 | 11284 | 0989 | 0918 | 1225 | 0905 | 0650 | |
| Dry Salted Short Ribs..... | " | .1775 @ 31 | 2524 | 1499 | 1144 | 1319 | 12254 | 1059 | 0938 | 1265 | 1075 | 082 | 1216 |
| Dry Salted Short Clear..... | " | .1725 @ 315 | 249 | 1499 | 1144 | 1319 | 12254 | 1059 | 0938 | 1265 | 1075 | 082 | 1216 |
| Bacon, Shoulders..... | " | .15 @ 28 | 222 | 137 | 1020 | 1106 | 11284 | 0989 | 0918 | 1225 | 0905 | 0650 | |
| Bacon, Short Ribs..... | " | .1775 @ 31 | 2524 | 1499 | 1144 | 1319 | 12254 | 1059 | 0938 | 1265 | 1075 | 082 | 1216 |
| Bacon, Cured Ham..... | " | .20 @ 205 | 257 | 194 | 1163 | 1361 | 1293 | 1159 | 103 | 1330 | 1170 | 0915 | 134 |
| Lard, Prime Steam..... | " | .15 @ 279 | 2155 | 13 | 1846 | 1735 | 1809 | 1528 | 1521 | 172 | 142 | 121 | 1732 |
| Lard, Family..... | " | .1025 @ 2825 | 2201 | 139 | 10116 | 1008 | 1071 | 1018 | 0865 | 125 | 109 | 085 | 1147 |
| Cotton, Middling Uplands..... | " | .138 @ 3135 | 22575 | 1394 | 0952 | 112 | 1172 | 11 | 0938 | 125 | 114 | 09 | 1152 |
| Hides..... | Pound | .17 @ 16 | 17 | 16 | 144 | 13 | 1187 | 121 | 1145 | 1465 | 1190 | 1000 | 1283 |
| Leather, Oak Sole..... | " | .6342 @ 60 | 6342 | 60 | .45 | .39 | 375 | 339 | 325 | 325 | 325 | 324 | 4087 |
| Tallow, Prime City..... | " | .1075 @ 18 | 153 | 0965 | .07 | .069 | 069 | 067 | 0635 | 0735 | 0620 | 056 | 078 |
| Wool, Tub Washed Coarse..... | " | .46 @ 70 | 574 | 303 | 322 | 244 | 219 | 292 | 23 | 25 | 31 | 275 | 311 |
| Liquors and Tobacco | | | | | | | | | | | | | |
| Ale..... | Barrel | 8.50 | 8.50 | 8.25 | 8.27 | 8.27 | 8.00 | 8.00 | 8.00 | 7.50 | 7.50 | 7.50 | 6.23 |
| Beer..... | " | 7.25 | 9.00 | 6.50 | 6.25 | 6.27 | 6.90 | 6.00 | 6.00 | 6.00 | 6.00 | 6.00 | 8.07 |
| Porter..... | " | 9.00 | 8.50 | 8.25 | 8.25 | 8.25 | 8.00 | 8.00 | 8.00 | 7.50 | 7.50 | 7.50 | 1.461 |
| Whiskey..... | Gallon | 1.44 @ 4.60 | 2.444 | 1.404 | 1.39 | 1.367 | 1.316 | 1.3599 | 1.34 | 1.3248 | 1.3576 | 1.3581 | 1.461 |
| Leaf Tobacco, Medium Leaf..... | Pound | .14 @ .22 | 172 | .123 | .117 | .115 | .0952 | .105 | .097 | .1180 | .14 | .1150 | .1197 |
| Metal, Building Materials and Oils | | | | | | | | | | | | | |
| Cement, Portland..... | Barrel | 1.79 @ 2.12 | 2.05 | 1.56 | 1.32 | 1.36 | 1.329 | 1.179 | 6.25 | 6.00 | 2.00 | 2.15 | 2.13 |
| Brick..... | Thous. | 11.00 | 11.00 | 8.25 | 8.00 | 8.00 | 8.00 | 8.00 | 6.25 | 6.00 | 2.00 | 2.15 | 2.13 |
| Nails, Steel..... | Cwt. | 3.25 @ 4.50 | 3.906 | 2.60 | 1.72 | 1.62 | 1.79 | 1.84 | 1.84 | 1.92 | 2.00 | .0423 | 5.098 |
| Lead..... | Pound | 7.50 @ 11.00 | 8.62 | 0683 | 0477 | 0387 | 044 | 0496 | 045 | 045 | .0430 | .0430 | 36.13 |
| Iron, Pig Hanging Rock..... | Ton | 36.25 @ 47.46 | 42.54 | 36.25 | 36.25 | 36.21 | 36.20 | 36.20 | 36.20 | 34.75 | 33.55 | 33.15 | 36.13 |
| Iron, Pig No. 2 Southern Coke..... | " | 31.26 @ 57.26 | 45.83 | 19.24 | 13.87 | 13.95 | 15.58 | 15.12 | 14.08 | 15.60 | 16.35 | 16.00 | 18.56 |
| Iron, Pig, Lake Coke No. 2..... | " | .08 @ 125 | 10 | 21.63 | 15.30 | 14.80 | 17.06 | 15.575 | 15.31 | 17.20 | 16.75 | 17.35 | 17.35 |
| Oils, Carbon, Refined State Test..... | Gallon | .87 @ 1.52 | 1.26 | .82 | .603 | .607 | .0973 | .095 | .095 | .095 | .095 | .095 | .09507 |
| Oils, Lard, No. 1..... | " | .96 @ 1.29 | 1.162 | .801 | .614 | .54 | .498 | .545 | .70 | .86 | .65 | .65 | .729 |
| Oils, Lard, No. 2..... | " | .45 @ .61 | .528 | .549 | .519 | .533 | .476 | .56 | .71 | .72 | .53 | .48 | .556 |
| Oils, Lard, No. 3..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 4..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 5..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 6..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 7..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 8..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 9..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 10..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 11..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 12..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 13..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 14..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 15..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 16..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 17..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 18..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 19..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 20..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 21..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 22..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 23..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 24..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 25..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 26..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 27..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 28..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 29..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 30..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 31..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 32..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 33..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 34..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 35..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 36..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 37..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 38..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 39..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 40..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 41..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 42..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 43..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 44..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 45..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 46..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 47..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 48..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 49..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 50..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 51..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 52..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 53..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 54..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 55..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 56..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 57..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 58..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 59..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 60..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 61..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 62..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 63..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 64..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 65..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 66..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 67..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 68..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 69..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 70..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 71..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 72..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 73..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 74..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 75..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 76..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 77..... | " | | | | | | | | | | | | |
| Oils, Lard, No. 78..... | " | | | | | | | | | | | | |

AVERAGE ANNUAL PRICES—Continued

| ARTICLES | Unit | Range of 1917 | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 | 10 year average |
|--|--------|---------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------------|
| Miscellaneous. | | | | | | | | | | | | | |
| Cooperage, Pork barrels, City..... | Each | 1.10 | @ 1.15 | 1.084 | .925 | .925 | 1.207 | 1.225 | 1.05 | 1.05 | 1.10 | 1.25 | 1.084 |
| Cooperage, Pork barrels, Country..... | " | .95 | @ 1.00 | 1.955 | .875 | .875 | .575 | 1.075 | 1.05 | 1.075 | 1.085 | 1.225 | 1.0075 |
| Whiskey Barrels, three-fourths..... | " | 3.00 | @ 3.00 | 2.57 | 2.48 | 2.40 | 2.40 | 2.40 | 2.40 | 2.378 | 2.485 | 2.575 | 2.501 |
| Tan Bark..... | Ton | 12.12 | @ 12.50 | 12.40 | 12.16 | 13.00 | 12.50 | 12.50 | | | 15.00 | 14.00 | |
| LUMBER. | | | | | | | | | | | | | |
| Hickory..... | M.-Ft. | 25.00 | @ 150.00 | 45.00 | 35.00 | 35.00 | 33.00 | | | | | | |
| Oak, Plain White..... | " | 25.00 | @ 100.00 | 40.50 | 34.33 | 34.33 | 41.00 | 38.06 | 38.33 | 33.38 | 29.00 | 29.00 | 38.04 |
| Pine, B..... | " | 31.00 | @ 48.00 | 32.00 | 26.50 | 28.50 | 30.50 | 34.53 | 27.62 | 27.12 | 24.80 | 24.80 | 29.59 |
| Chestnut..... | " | 25.00 | @ 35.00 | 31.33 | 31.33 | 31.33 | 34.00 | | | | | | |
| Red Gum..... | " | 22.00 | @ 65.00 | 43.50 | 27.67 | 27.67 | 29.00 | | | | | | |
| Red Oak, Plain..... | " | 22.00 | @ 100.00 | 42.00 | 34.33 | 34.33 | 41.00 | | | | | | |
| Red Oak, Quartered..... | " | 28.00 | @ 103.00 | 46.00 | 40.67 | 40.67 | 47.00 | | | | | | |
| Poplar..... | " | 25.00 | @ 150.00 | 41.00 | 34.67 | 34.67 | 36.00 | | | | | | |
| White Oak, Quartered..... | " | 30.00 | @ 135.00 | 52.50 | 41.00 | 41.00 | 55.00 | | | | | | |
| Ash..... | " | 20.00 | @ 150.00 | 40.00 | 34.67 | 34.67 | 34.00 | | | | | | |
| FEATHERS. | | | | | | | | | | | | | |
| Geese, Pure White..... | Pound | .75 | @ .80 | .70 | .65 | .68 | .68 | .65 | .58 | .58 | .50 | .48 | .554 |
| Geese, Good Average..... | " | .55 | @ .60 | .56 | .56 | .57 | .58 | .56 | | | | | |
| Duck, White..... | " | .50 | @ .52 | .46 | .45 | .48 | .44 | .44 | | | | | |
| Duck, Dark..... | " | .37 | @ .40 | .346 | .35 | .37 | .37 | .35 | | | | | |
| Chicken, White..... | " | .12 | @ .14 | .13 | .14 | .17 | .17 | .15 | | | | | |
| Chicken, Dark..... | " | .03 | @ .035 | .0299 | .3 | .035 | .035 | .0275 | | | | | |
| Turkey, White..... | " | .20 | @ .20 | .20 | .25 | .50 | .60 | .60 | | | | | |
| Turkey, Dark..... | " | .03 | @ .035 | .0295 | .3 | .06 | .08 | .08 | | | | | |
| SOAP. —Price at close of year. | | | | | | | | | | | | | |
| Star, per box of 65 lbs..... | Box | 4.83 | | 3.325 | 3.175 | 3.175 | 3.175 | 3.175 | 3.175 | 3.475 | 2.95 | 2.925 | 3.51 |
| Oleine, per box of 60 lbs..... | " | 6.15 | | 3.45 | 3.10 | 3.10 | 3.225 | 3.225 | 3.50 | | | | |
| White Naptha, per box of 75 lbs..... | " | 5.76 | | 4.175 | 3.875 | 3.85 | 3.85 | 3.85 | 3.85 | | | | |
| Extra Olive, per box of 60 lbs..... | " | 4.60 | | 3.40 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 | 2.20 | 2.10 | 2.10 | 2.90 |
| Lenox, per box of 62½ lbs..... | " | 5.27 | | 3.425 | 3.025 | 3.025 | 3.175 | 2.975 | 2.975 | 3.475 | 3.35 | 3.00 | 3.37 |
| Polo, per box of 52½ lbs..... | " | 4.80 | | 2.55 | 2.375 | 2.375 | 2.375 | 2.475 | 2.475 | | | | |
| F. & G. White Naptha..... | " | | | 4.175 | 3.875 | 3.85 | 3.875 | 3.875 | 3.875 | | | | |
| Ivory, per box of 62½ lbs..... | " | 9.20 | | 6.90 | 6.725 | 6.725 | 6.725 | 6.725 | 6.725 | 6.725 | 6.75 | 6.75 | 6.995 |
| White Castile, by the Box..... | " | .40 | | .15 | .15 | .15 | .16 | .16 | .16 | .16 | .15 | .11 | |
| Mottled Castile, by the Box..... | " | .20 | | .10 | .10 | .10 | .10 | .10 | .10 | .10 | .10 | .08 | |
| PAPER. —Price at close of year. | | | | | | | | | | | | | |
| News, Print..... | " | .44 | @ .15 | .08 | .0875 | .0875 | .0875 | .0875 | .0875 | .0875 | .0875 | .0875 | .03125 |
| Writing, Fine..... | " | .12 | @ .26 | .1625 | .1025 | .1025 | .1025 | .09 | .085 | .085 | .085 | .085 | .035 |
| Writing, Superfine..... | " | .25 | @ .81 | .2215 | .15 | .15 | .15 | .135 | .135 | .135 | .135 | .135 | .0565 |
| Writing, Manila..... | " | .8 | @ .3 | .10625 | .0375 | .0475 | .0475 | .0515 | .05 | .0475 | .0475 | .0475 | .0206 |
| Wrapping, Rag..... | " | .24 | @ .8 | .0275 | .02125 | .02125 | .02125 | .01875 | .01875 | .01875 | .01875 | .01875 | .022 |
| Wrapping, Straw..... | " | .4 | @ .8 | .04 | .01875 | .01875 | .01875 | .01875 | .01875 | .01875 | .01875 | .01875 | .0598 |
| Book, Sized and Super Calendered..... | " | .74 | @ .9 | .115 | .05375 | .05375 | .05375 | .04875 | .05125 | .0475 | .0475 | .0475 | .055 |
| Book, Sized and Calendered..... | " | .54 | @ .8 | .085 | .045 | .045 | .045 | .04625 | .0425 | .04625 | .04625 | .04625 | .0495 |
| Book, No. 3..... | " | .64 | @ .7 | .1025 | .0375 | .0375 | .0375 | .035 | .035 | .0375 | .0375 | .0375 | .0465 |
| Manilla, No. 1..... | " | .5 | @ .5 | .0675 | .0275 | .0275 | .0275 | .0325 | .0325 | .02875 | .02875 | .02875 | .0351 |
| Manilla, No. 2..... | " | | | .0675 | .0275 | .0275 | .0275 | .0325 | .0325 | .02875 | .02875 | .02875 | |

RECEIPTS AT AND SHIPMENTS FROM CINCINNATI

(Excluding through billed shipments.)

Table showing the Receipts and Shipments of the Principal Commodities at Cincinnati for two years: These figures represent Shipments consigned to Cincinnati and outbound Shipments originating at Cincinnati. Rebilled and through movements are recorded in table pages 79-84 inclusive and 90.

| ARTICLES. | RECEIPTS | | SHIPMENTS | |
|--|------------|------------|------------|------------|
| | 1917 | 1916 | 1917 | 1916 |
| Cereals, Grain and Farm Products. | | | | |
| Barley.....bush | 729,089 | 1,059,576 | 62,306 | 15,985 |
| Corn.....bush | 6,463,907 | 8,235,450 | 2,318,693 | 1,759,829 |
| Oats.....bush | 5,098,089 | 5,962,447 | 2,607,370 | 2,079,137 |
| Rye.....bush | 635,312 | 594,347 | 377,461 | 135,731 |
| Wheat.....bush | 6,510,525 | 6,004,033 | 4,817,055 | 3,098,639 |
| Bran and Middlings.....tons | 35,206 | 45,571 | 52,294 | 41,814 |
| Flour.....bbls | 1,016,146 | 505,811 | 302,700 | 323,501 |
| Malt.....bush | 1,363,817 | 1,445,081 | 157,314 | 133,598 |
| Malt Sprouts.....cars | 182 | 340 | 39 | 27 |
| Hay.....tons | 179,138 | 97,489 | 99,770 | 42,276 |
| Cotton.....bales | 17,430 | 15,948 | 2,136 | 820 |
| Cotton Seed Meal.....cars | 660 | 269 | 55 | 58 |
| Straw.....tons | 3,490 | 2,042 | 910 | 376 |
| Hops.....100 lb. bales | 10,440 | 6,989 | 1,759 | 1,579 |
| Clover Seed.....100 lb. bags | 18,939 | 18,543 | 25,811 | 22,771 |
| Flax Seed.....100 lb. bags | 138 | 644 | 83 | 404 |
| Timothy Seed.....100 lb. bags | 21,471 | 48,128 | 25,419 | 31,158 |
| Other Seed.....100 lb. bags | 63,830 | 81,753 | 48,879 | 55,990 |
| Hemp.....100 lb. bales | 8,760 | 6,712 | 3,032 | 1,895 |
| Broom Corn.....lbs | 1,201,394 | 973,397 | 504,822 | 370,963 |
| Coal and Coke. | | | | |
| Coal, Bituminous.....tons | 3,999,507 | 4,145,209 | 687,315 | 709,874 |
| Coal, Anthracite.....tons | 4,307 | 3,749 | 180 | 280 |
| Coke.....tons | 76,089 | 64,414 | 1,743 | 2,919 |
| Fruits, Vegetables, Produce and Dairy Products. | | | | |
| Apples.....bbls | 199,712 | 298,199 | 91,532 | 92,522 |
| Bananas.....tons | 10,113 | 10,018 | 3,143 | 2,007 |
| Dried Fruit.....lbs | 3,427,530 | 3,292,714 | 817,697 | 739,731 |
| Green Fruit.....tons | 22,220 | 17,940 | 5,218 | 5,233 |
| Lemons.....boxes | 78,765 | 75,096 | 54,331 | 47,438 |
| Oranges.....boxes | 473,318 | 642,726 | 134,440 | 156,108 |
| Butter.....100 lb. pkgs | 47,472 | 94,566 | 108,159 | 114,173 |
| Oleomargarine.....lbs | 2,262,439 | 772,992 | 14,631,553 | 11,205,446 |
| Eggs.....cases | 208,384 | 264,990 | 57,013 | 82,484 |
| Potatoes.....bush | 1,238,183 | 847,218 | 235,896 | 185,126 |
| Vegetables.....tons | 31,449 | 34,320 | 6,433 | 11,094 |
| Onions.....bbls | 94,180 | 64,479 | 20,259 | 33,718 |
| Watermelons.....cars | 666 | 504 | 4 | 64 |
| Cantaloupes.....cars | 470 | 420 | 17 | 255 |
| Poultry.....cars | 578 | 1,679 | 103 | 142 |
| Fish.....100 lb. pkgs | 223,034 | 370,774 | 141,719 | 150,601 |
| Groceries. | | | | |
| Beans.....bush | 120,281 | 90,482 | 55,635 | 56,032 |
| Candles.....boxes | 6,376 | 10,259 | 89,082 | 87,766 |
| Coffee.....100 lb. bags | 186,666 | 176,302 | 102,991 | 100,883 |
| Cheese.....60 lb. boxes | 87,301 | 75,345 | 39,960 | 31,804 |
| Molasses.....bbls | 54,739 | 43,113 | 14,414 | 10,873 |
| Peanuts.....100 lb. bags | 21,475 | 23,279 | 7,136 | 7,551 |
| Rice.....100 lb. bags | 94,917 | 90,874 | 21,340 | 41,810 |
| Salt.....bbls | 198,040 | 189,001 | 97,659 | 27,805 |
| Soap.....60 lb. boxes | 324,588 | 212,309 | 5,538,235 | 5,188,115 |
| Sorghum.....bbls | 529 | 571 | 19 | 99 |
| Starch.....60 lb. boxes | 121,231 | 118,920 | 37,048 | 30,351 |
| Sugar.....bbls | 240,031 | 196,447 | 64,230 | 35,847 |
| Live Stock and Products. | | | | |
| Cattle.....head | 437,678 | 660,634 | 187,777 | 189,934 |
| Hogs.....head | 1,452,525 | 1,578,461 | 735,781 | 876,888 |
| Sheep.....head | 331,115 | 424,229 | 291,751 | 274,618 |
| Horses and Mules.....head | 80,242 | 61,188 | 91,074 | 40,541 |
| Fresh Meat.....lbs | 11,038,133 | 13,617,561 | 39,522,846 | 21,463,880 |
| Salt Beef.....lbs | 634,087 | 1,659,789 | 2,316,144 | 757,405 |
| D. S. Meats, loose.....lbs | 2,229,532 | 3,084,293 | 26,118,807 | 9,323,108 |
| D. S. Meats, boxes.....lbs | 2,003,649 | 1,507,438 | 6,134,003 | 7,185,689 |
| Baron.....lbs | 580,000 | 3,215,687 | 10,190,945 | 12,548,194 |
| Hams.....lbs | 1,447,316 | 2,127,026 | 5,147,196 | 6,954,071 |
| Lard.....lbs | 4,598,986 | 6,364,093 | 13,466,219 | 13,973,722 |
| Pork.....bbls | 2,823 | 1,460 | 5,456 | 3,508 |
| Hides.....60 lb. bundles | 293,832 | 248,804 | 181,008 | 57,554 |
| Leather.....100 lb. bundles | 148,501 | 140,319 | 184,764 | 174,296 |
| Tallow.....ties and bbls | 114,061 | 85,622 | 6,045 | 2,554 |
| Wool.....100 lb. bales | 10,869 | 2,502 | 7,728 | 4,849 |
| Sheep Pelts.....600 lb. bundles | 34,152 | 90,680 | 8,775 | 11,913 |

RECEIPTS AT AND SHIPMENTS FROM CINCINNATI—Continued

| ARTICLES. | RECEIPTS | | SHIPMENTS | |
|---|------------|------------|------------|------------|
| | 1917 | 1916 | 1917 | 1916 |
| Manufactured Articles. | | | | |
| Agricultural Implements.....cars | 279 | 117 | 51 | 43 |
| Automobiles.....number | 5,059 | 4,116 | 11,993 | 7,259 |
| Boots and Shoes.....cases | 180,659 | 204,259 | 223,616 | 262,155 |
| Cooperage.....pieces | 474,756 | 444,403 | 311,534 | 294,639 |
| Furniture.....100 lb. pkgs | 205,338 | 181,140 | 294,917 | 342,322 |
| Glassware and Crockery.....100 lb. pkgs | 979,458 | 1,027,647 | 992,336 | 934,570 |
| Machinery.....cars | 2,913 | 2,187 | 6,045 | 3,973 |
| Vehicles.....cars | 221 | 97 | 976 | 1,142 |
| Vehicles.....number | 804 | 1,081 | 9,978 | 13,083 |
| Stoves.....cars | 781 | 1,002 | 269 | 219 |
| Cross Ties.....cars | 977 | 1,369 | 177 | 510 |
| Other Manufactures.....pieces | 40,869 | 56,373 | 85,499 | 113,025 |
| Metals, Building Materials and Oils. | | | | |
| Lime, Cement and Plaster.....bbls | 853,198 | 892,720 | 44,012 | 85,642 |
| Brick.....cars | 4,288 | 6,355 | 1,545 | 1,068 |
| Lumber.....cars | 26,770 | 24,355 | 5,644 | 5,852 |
| Nails.....100 lb. kegs | 162,575 | 178,518 | 66,529 | 64,549 |
| Oil.....bbls | 647,171 | 542,989 | 330,838 | 283,211 |
| Rosin.....bbls | 141,740 | 177,483 | 39,206 | 24,669 |
| Stone.....cars | 1,161 | 2,701 | 90 | 134 |
| Stone, crushed.....cars | 9,106 | 7,074 | 728 | 63 |
| Sand and Gravel.....tons | 582,273 | 1,038,309 | 40,955 | 18,649 |
| Iron Pipe.....cars | 1,131 | 1,130 | 2,656 | 1,414 |
| Scrap Iron.....tons | 102,123 | 93,915 | 138,503 | 108,934 |
| Iron and Steel.....tons | 529,661 | 348,742 | 331,386 | 331,095 |
| Iron, Pig.....tons | 205,237 | 302,583 | 13,825 | 19,711 |
| Pig, Lead.....lbs | 18,640,723 | 33,011,018 | 2,938,207 | 3,022,665 |
| White Lead.....lbs | 4,233,969 | 2,753,846 | 31,170,336 | 31,576,259 |
| Petroleum.....bbls | 242,364 | 209,677 | 59,404 | 37,276 |
| Stearine.....tiecs | 23,971 | 18,247 | 77,711 | 63,960 |
| Turpentine.....bbls | 13,151 | 13,319 | 6,367 | 14,044 |
| Wines, Liquors and Tobacco. | | | | |
| Alcohol.....bbls | 18,398 | 20,042 | 34,637 | 74,642 |
| Alc. Beer and Porter.....kegs | 50,688 | 27,988 | 2,194,641 | 1,968,543 |
| Whiskey.....bbls | 83,473 | 80,840 | 291,686 | 279,885 |
| Wines and Liquor.....bbls | 26,844 | 23,495 | 37,463 | 38,004 |
| Wines and Liquor.....100 lb. pkgs | 120,687 | 131,662 | 304,598 | 328,342 |
| Leaf Tobacco.....hhds | 7,788 | 9,528 | 10,784 | 12,021 |
| Leaf Tobacco, cases.....400 lbs | 27,900 | 18,123 | 9,374 | 5,803 |
| Manufactured Tobacco.....100 lb. pkgs | 73,123 | 69,364 | 79,300 | 99,727 |
| Miscellaneous. | | | | |
| Asphalt.....cars | 1,535 | 1,054 | 97 | 81 |
| Feathers.....lbs | 1,260,781 | 1,579,318 | 1,379,521 | 555,286 |
| Fertilizer.....cars | 3,276 | 917 | 5,724 | 3,975 |
| Grease.....tiecs | 104,082 | 91,995 | 197,393 | 355,488 |
| Paper.....cars | 7,358 | 6,678 | 7,781 | 5,754 |
| Phosphate Rock, lump.....cars | 1,466 | 826 | 94 | 53 |
| Phosphate Rock, powdered.....cars | 364 | 229 | 8 | 25 |
| Tankage.....cars | 381 | 516 | 592 | 598 |
| Soda Ash.....cars | 1,755 | 1,858 | 163 | 88 |
| Merchandise.....tons | 994,899 | 780,786 | 970,197 | 753,247 |
| Bark.....cars | 496 | 1,021 | 11 | 6 |
| Dried Grain.....cars | 885 | 636 | 2,411 | 2,610 |

YEARLY MOVEMENT OF GRAIN.

Receipts and shipments of Wheat, Corn, Oats, Barley and Rye, representing bushels, at Cincinnati, for 15 years stated, including through movement, for local movement enumerated see pages 88 and 89.

| YEARS. | WHEAT. | | CORN. | | OATS. | | BARLEY. | | RYE. | |
|---------|------------|------------|------------|-----------|------------|------------|-----------|----------|----------|----------|
| | Receipts | Shipm'ts | Receipts | Shipm'ts | Receipts | Shipm'ts | Receipts | Shipm'ts | Receipts | Shipm'ts |
| 1903... | 2,830,463 | 2,554,036 | 10,453,465 | 7,110,679 | 5,890,504 | 3,735,660 | 886,755 | 28,341 | 520,695 | 234,817 |
| 1904... | 2,124,447 | 1,625,385 | 12,848,217 | 9,217,189 | 6,034,074 | 3,586,492 | 1,038,936 | 35,872 | 601,923 | 166,678 |
| 1905... | 3,195,191 | 2,635,085 | 11,326,222 | 7,418,723 | 13,473,767 | 11,140,014 | 1,484,779 | 501,928 | 623,758 | 208,662 |
| 1906... | 4,126,822 | 3,612,081 | 12,793,810 | 9,705,159 | 12,090,482 | 9,730,191 | 1,466,624 | 863,348 | 650,806 | 272,574 |
| 1907... | 3,424,845 | 3,075,744 | 13,409,142 | 9,991,012 | 7,432,664 | 5,029,947 | 764,746 | 22,604 | 637,291 | 206,597 |
| 1908... | 4,963,264 | 4,694,596 | 10,029,457 | 6,943,350 | 6,616,273 | 4,001,401 | 666,469 | 14,936 | 587,522 | 267,628 |
| 1909... | 4,874,771 | 4,340,416 | 10,344,408 | 7,202,444 | 17,273,766 | 15,916,804 | 540,156 | 55,032 | 681,847 | 261,501 |
| 1910... | 4,307,828 | 3,760,906 | 11,760,574 | 9,692,767 | 8,999,027 | 6,771,727 | 799,522 | 49,490 | 732,849 | 327,325 |
| 1911... | 4,442,681 | 3,438,561 | 11,118,710 | 8,056,399 | 8,928,426 | 6,433,814 | 492,354 | 16,312 | 740,437 | 303,046 |
| 1912... | 3,653,655 | 2,864,283 | 13,078,063 | 8,902,792 | 13,244,867 | 10,287,124 | 526,981 | 53,518 | 617,898 | 336,113 |
| 1913... | 4,458,456 | 3,011,906 | 11,508,693 | 7,960,573 | 11,659,435 | 9,540,889 | 1,439,796 | 852,297 | 655,374 | 311,779 |
| 1914... | 5,375,681 | 3,833,110 | 11,456,145 | 8,288,780 | 8,506,642 | 6,882,991 | 754,523 | 200,066 | 549,178 | 203,600 |
| 1915... | 15,761,923 | 14,206,585 | 11,104,961 | 8,211,332 | 21,463,340 | 20,099,855 | 1,279,232 | 711,295 | 879,833 | 607,256 |
| 1916... | 7,798,115 | 5,612,918 | 11,471,245 | 5,092,923 | 36,803,262 | 35,818,992 | 2,044,334 | 576,305 | 714,627 | 262,566 |
| 1917... | 8,134,808 | 6,769,362 | 9,836,432 | 5,554,457 | 31,451,152 | 29,523,890 | 1,169,648 | 184,171 | 783,164 | 543,574 |

LOCAL AND TOTAL MOVEMENT OF GRAIN.

Movement of Grain, representing bushels, at Cincinnati, showing the local movement and aggregate, including Grain on through bills of lading, for calendar years:

| YEARS. | LOCAL MOVEMENT. | | INCLUDING GRAIN IN TRANSIT. | |
|---------|-----------------|------------|-----------------------------|------------|
| | Receipts. | Shipments. | Receipts. | Shipments. |
| 1903... | 15,431,482 | 8,513,133 | 20,581,882 | 13,663,533 |
| 1904... | 18,097,097 | 10,081,116 | 22,647,597 | 14,631,616 |
| 1905... | 20,333,717 | 12,134,412 | 30,103,917 | 21,904,412 |
| 1906... | 19,904,544 | 13,019,353 | 31,128,544 | 24,183,353 |
| 1907... | 19,180,188 | 11,837,404 | 25,668,688 | 18,325,904 |
| 1908... | 18,968,485 | 12,047,411 | 22,862,985 | 15,921,911 |
| 1909... | 18,314,848 | 12,376,197 | 33,714,948 | 27,776,197 |
| 1910... | 20,288,300 | 14,290,765 | 26,599,800 | 20,602,265 |
| 1911... | 21,861,608 | 14,387,132 | 25,722,608 | 18,248,132 |
| 1912... | 23,352,342 | 13,320,836 | 32,725,578 | 22,694,022 |
| 1913... | 22,922,018 | 13,383,536 | 31,490,460 | 21,951,978 |
| 1914... | 20,583,497 | 12,993,915 | 27,889,637 | 20,300,055 |
| 1915... | 24,974,998 | 17,163,834 | 52,149,612 | 44,318,448 |
| 1916... | 23,300,934 | 7,222,919 | 60,686,412 | 47,746,479 |
| 1917... | 20,800,739 | 10,340,199 | 53,221,094 | 43,080,889 |

MONTHLY PRICES OF WHEAT.

Monthly range of quotations for No. 2 Red Wheat, per bushel, at Cincinnati:

| MONTHS | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 |
|-----------|-------------|-------------|-------------|-------------|-------------|-----------|-----------|-------------|
| January | 1 82 @ 2 01 | 1 26 @ 1 43 | 1 29 @ 1 54 | 98 @ 1 01 | 1 11 @ 1 15 | 97 @ 1 03 | 96 @ 1 04 | 1 25 @ 1 31 |
| February | 1 72 @ 2 01 | 1 10 @ 1 40 | 1 55 @ 1 67 | 97 @ 1 01 | 1 05 @ 1 14 | 98 @ 1 03 | 90 @ 1 01 | 1 24 @ 1 30 |
| March | 1 99 @ 2 19 | 1 11 @ 1 22 | 1 40 @ 1 64 | 97 @ 1 00 | 1 05 @ 1 11 | 01 @ 1 06 | 87 @ 95 | 1 18 @ 1 26 |
| April | 2 20 @ 3 02 | 1 19 @ 1 30 | 1 52 @ 1 63 | 95 @ 1 00 | 1 08 @ 1 13 | 04 @ 1 22 | 85 @ 96 | 1 07 @ 1 20 |
| May | 2 69 @ 3 38 | 1 06 @ 1 25 | 1 38 @ 1 62 | 95 @ 1 01 | 1 03 @ 1 12 | 18 @ 1 26 | 96 @ 98 | 1 05 @ 1 18 |
| June | 2 35 @ 2 96 | 1 04 @ 1 12 | 1 15 @ 1 36 | 81 @ 98 | 97 @ 1 08 | 09 @ 1 22 | 84 @ 95 | 1 04 @ 1 13 |
| July | 2 30 @ 2 57 | 1 10 @ 1 32 | 1 08 @ 1 31 | 79 @ 97 | 85 @ 97 | 97 @ 1 16 | 82 @ 89 | 1 00 @ 1 12 |
| August | 2 14 @ 2 48 | 1 29 @ 1 59 | 1 05 @ 1 19 | 87 @ 1 17 | 87 @ 94 | 01 @ 1 10 | 85 @ 93 | 98 @ 1 04 |
| September | 2 17 @ 2 20 | 1 45 @ 1 58 | 1 08 @ 1 18 | 1 03 @ 1 24 | 92 @ 98 | 02 @ 1 08 | 91 @ 1 00 | 95 @ 1 04 |
| October | 2 16 @ 2 18 | 1 57 @ 1 90 | 1 10 @ 1 25 | 1 06 @ 1 14 | 92 @ 98 | 03 @ 1 12 | 98 @ 1 03 | 93 @ 1 02 |
| November | 2 16 @ 2 18 | 1 81 @ 1 90 | 1 13 @ 1 17 | 1 12 @ 1 15 | 94 @ 97 | 03 @ 1 09 | 97 @ 1 00 | 92 @ 99 |
| December | 2 17 @ 2 17 | 1 65 @ 1 86 | 1 15 @ 1 31 | 1 14 @ 1 29 | 95 @ 1 00 | 05 @ 1 15 | 96 @ 1 00 | 94 @ 1 02 |
| YEARS. | 1 72 @ 3 38 | 1 04 @ 1 90 | 1 05 @ 1 67 | 79 @ 1 29 | 85 @ 1 15 | 97 @ 1 26 | 82 @ 1 04 | 92 @ 1 31 |

MONTHLY PRICES OF CORN.

Monthly range for No. 2 Mixed Corn (shelled), per bushel, at Cincinnati:

| MONTHS. | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 |
|----------------|--------------|-----------|-----------|-----------|-----------|---------|-----------|-----------|
| January..... | 97 @ 1 07½ | 70½ @ 78½ | 70 @ 77½ | 65½ @ 69 | 48 @ 54 | 65 @ 69 | 45½ @ 49 | 63½ @ 69½ |
| February..... | 1 02 @ 1 09 | 71 @ 78 | 70 @ 81 | 64 @ 68 | 50 @ 54 | 64 @ 69 | 46½ @ 48½ | 61½ @ 66 |
| March..... | 1 08 @ 1 25½ | 72 @ 76½ | 70 @ 77 | 64½ @ 72 | 51 @ 58 | 68 @ 80 | 46 @ 49½ | 59 @ 63½ |
| April..... | 1 28½ @ 1 60 | 76 @ 79 | 75 @ 81 | 69½ @ 73 | 57 @ 63 | 78 @ 87 | 47 @ 56½ | 58 @ 63½ |
| May..... | 1 56 @ 1 72 | 72½ @ 78 | 77 @ 79½ | 70 @ 75 | 58½ @ 61½ | 79 @ 85 | 53½ @ 57 | 60 @ 66 |
| June..... | 1 58½ @ 1 80 | 72½ @ 79½ | 74½ @ 79 | 71 @ 75 | 59 @ 65 | 75 @ 83 | 55 @ 60 | 60½ @ 63 |
| July..... | 1 82 @ 2 35 | 79 @ 84 | 77 @ 84 | 70 @ 83 | 63½ @ 68 | 73 @ 80 | 61½ @ 70 | 62 @ 67½ |
| August..... | 1 70 @ 2 32 | 83 @ 89 | 77½ @ 82 | 79½ @ 88½ | 69½ @ 81 | 75 @ 84 | 65 @ 68½ | 61½ @ 67½ |
| September..... | 1 97 @ 2 20 | 86½ @ 90 | 67 @ 78½ | 76½ @ 85½ | 74 @ 80 | 69 @ 84 | 65½ @ 71½ | 53½ @ 61½ |
| October..... | 1 80 @ 2 13 | 88½ @ 106 | 63½ @ 69½ | 74 @ 77½ | 70 @ 76 | 64 @ 72 | 71 @ 77½ | 49½ @ 54½ |
| November..... | *190 @ 2 25 | 94 @ 104 | 64 @ 69 | 83½ @ 76½ | 74½ @ 77 | 47 @ 64 | 65 @ 77 | 50½ @ 55½ |
| December..... | 1 55 @ 1 92 | 90 @ 97 | 65 @ 72½ | 63½ @ 70½ | 74½ @ 75 | 48 @ 51 | 61 @ 70 | 46 @ 54 |
| YEAR..... | 97 @ 2 35 | 70½ @ 106 | 63½ @ 84 | 63½ @ 88½ | 48 @ 81 | 47 @ 87 | 45½ @ 77½ | 46 @ 69½ |

* New and Old.

MONTHLY PRICES OF OATS.

Monthly range for No. 2 Mixed Oats, per bushel, at Cincinnati:

| MONTHS. | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 |
|----------------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| January..... | 55 @ 60 | 44 @ 55½ | 51 @ 58 | 40½ @ 42 | 34 @ 36 | 50 @ 54 | 33½ @ 35 | 47 @ 52 |
| February..... | 56 @ 63 | 42 @ 53 | 57½ @ 59½ | 40½ @ 43 | 33½ @ 37 | 53½ @ 56 | 31½ @ 34½ | 48 @ 50 |
| March..... | 63 @ 70 | 42 @ 46 | 56 @ 62 | 41 @ 43 | 33½ @ 35½ | 54 @ 57 | 31 @ 33½ | 46 @ 49½ |
| April..... | 68½ @ 74½ | 43 @ 48 | 56½ @ 59½ | 40 @ 43 | 35 @ 37½ | 57 @ 61 | 31 @ 34½ | 42½ @ 47½ |
| May..... | 80 @ 73½ | 38 @ 45 | 51½ @ 57½ | 39½ @ 42½ | 34½ @ 40½ | 54½ @ 59 | 33½ @ 37 | 40 @ 44½ |
| June..... | 61½ @ 72 | 38 @ 40½ | 46 @ 51½ | 37½ @ 42 | 39 @ 43½ | 52 @ 56½ | 37 @ 44 | 37 @ 41 |
| July..... | 73 @ 86½ | 39 @ 42½ | 47½ @ 58 | 35 @ 39½ | 39 @ 44 | 40 @ 55 | 38 @ 49 | 39 @ 44½ |
| August..... | 51 @ 64 | 41 @ 47½ | 54 @ 57 | 35 @ 51½ | 40½ @ 43½ | 32 @ 33 | 39 @ 44 | 32½ @ 38½ |
| September..... | 56 @ 62½ | 46 @ 48½ | 34 @ 37 | 46½ @ 52½ | 41 @ 47 | 33 @ 35½ | 43½ @ 48½ | 32½ @ 34½ |
| October..... | 50 @ 62½ | 47½ @ 55 | 35 @ 39 | 47 @ 49 | 39 @ 44 | 33½ @ 36½ | 48 @ 49½ | 32 @ 35 |
| November..... | 60½ @ 77 | 53 @ 59½ | 36½ @ 39½ | 48½ @ 50½ | 41 @ 43 | 32 @ 35 | 47½ @ 51 | 31½ @ 34½ |
| December..... | 72 @ 81 | 52 @ 58 | 39 @ 45 | 49½ @ 51 | 41 @ 42½ | 33½ @ 35½ | 48½ @ 51½ | 32½ @ 35 |
| YEARS..... | 51 @ 86½ | 38 @ 59½ | 34 @ 62 | 35 @ 52½ | 33½ @ 47 | 32 @ 61 | 31 @ 51½ | 31½ @ 52 |

MONTHLY PRICES OF RYE.

Monthly range for No. 2 Rye, per bushel, at Cincinnati:

| MONTHS. | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 |
|----------------|-------------|-----------|-------------|-------------|----------|-----------|-----------|----------|
| January..... | 1 44 @ 1 54 | 99 @ 104 | 113 @ 1 30 | 62 @ 65 | 65½ @ 70 | 94 @ 1 00 | 85 @ 88 | 79 @ 87 |
| February..... | 1 43 @ 1 54 | 90 @ 106 | 118 @ 1 33 | 63 @ 67 | 65 @ 70 | 94 @ 97½ | 85 @ 88 | 84 @ 86 |
| March..... | 1 53 @ 1 73 | 90 @ 100 | 106 @ 1 20 | 64½ @ 67 | 64 @ 67 | 93 @ 96½ | 86 @ 96½ | 83 @ 86½ |
| April..... | 1 70 @ 2 05 | 98 @ 104 | 110 @ 1 16 | 64 @ 67 | 64 @ 70 | 93 @ 97½ | 90 @ 98 | 82 @ 86 |
| May..... | 2 00 @ 2 27 | 92 @ 101 | 110 @ 1 20 | 63 @ 71 | 60 @ 66 | 91 @ 98 | 95 @ 1 15 | 81 @ 84 |
| June..... | 2 05 @ 2 35 | 92 @ 100 | 107 @ 1 12½ | 65 @ 70 | 60 @ 66 | 78 @ 93 | 88 @ 97 | 80 @ 83 |
| July..... | 2 19 @ 2 50 | 96 @ 105 | 102 @ 1 20 | 60 @ 75 | 60 @ 64 | 75 @ 81 | 79 @ 90 | 78 @ 83 |
| August..... | 1 70 @ 2 10 | 103 @ 127 | 99 @ 1 04 | 73 @ 98 | 62 @ 68½ | 75 @ 78 | 81 @ 92 | 73 @ 80 |
| September..... | 1 74 @ 1 91 | 123 @ 128 | 92 @ 1 01 | 90 @ 99 | 69 @ 72 | 73 @ 77 | 90 @ 1 01 | 73 @ 77 |
| October..... | 1 76 @ 1 88 | 125 @ 141 | 98 @ 1 06 | 90 @ 94 | 64 @ 70 | 72 @ 77 | 98 @ 1 00 | 75 @ 81 |
| November..... | 1 73 @ 1 81 | 140 @ 156 | 99 @ 1 05 | 95 @ 1 10 | 62 @ 66 | 62 @ 72 | 94 @ 1 00 | 80 @ 85 |
| December..... | 1 79 @ 1 83 | 135 @ 156 | 98 @ 1 04 | 1 09 @ 1 15 | 62 @ 66 | 65 @ 68 | 94 @ 98 | 83 @ 87 |
| YEARS..... | 1 43 @ 2 50 | 90 @ 156 | 92 @ 1 33 | 60 @ 1 15 | 60 @ 72 | 62 @ 1 00 | 79 @ 1 15 | 73 @ 87 |

PRICES OF WHEAT AND RYE.

Quotations for No. 2 Red Winter Wheat and No. 2 Rye, per bushel, at Cincinnati, on Tuesday of each week, in three years:

| No. 2 RED WINTER WHEAT. | | | | No. 2 RYE. | | | |
|-------------------------|-----------|------------|------------|------------|------------|------------|------------|
| DATES | 1917 | 1916 | 1915 | DATES | 1917 | 1916 | 1915 |
| January 2. | 1 88@1 90 | 1 28@1 29 | 1 33 @1 34 | January 2. | 1 44 @1 46 | 99 @1 01 | 1 14 @1 16 |
| 9. | 1 90@2 00 | 1 30@1 31 | 1 39 @ | 9. | 1 45 @1 50 | 1 01 @1 03 | 1 14 @1 16 |
| 16. | 1 98@2 00 | 1 34@1 36 | 1 42 @1 43 | 16. | 1 52 @1 54 | 1 01 @1 03 | 1 15 @1 18 |
| 23. | 1 94@1 97 | 1 39@1 41 | 1 46@1 47 | 23. | 1 50 @1 52 | 1 03 @1 04 | 1 20@1 21 |
| 30. | 1 82@1 85 | 1 37@1 39 | 1 63 @1 67 | 30. | 1 48 @1 50 | 1 03 @1 04 | 1 30 @1 33 |
| February 6. | 1 83@1 85 | 1 35@1 37 | 1 62 @1 62 | 6. | 1 46 @1 48 | 1 01 @1 03 | 1 28 @ |
| 13. | 1 88@1 90 | 1 30@1 33 | 1 60 @ | 13. | 1 45 @1 50 | 1 00 @1 02 | 1 25 @1 27 |
| 20. | 1 95@1 97 | 1 25@1 27 | 1 55 @ | 20. | 1 53 @1 54 | 1 00 @1 01 | 1 20 @ |
| 27. | 1 96@1 98 | 1 12@1 14 | 1 45 @ | 27. | 1 53 @1 54 | 90 @ | 1 20 @1 15 |
| March 6. | 2 05@2 06 | 1 14@1 16 | 1 54 @1 57 | 6. | 1 56 @1 59 | 90 @ | 1 12 @1 12 |
| 13. | 1 99@2 01 | 1 15@1 17 | 1 62 @1 64 | 13. | 1 55 @1 57 | 93 @ | 1 12 @1 16 |
| 20. | 2 04@2 06 | 1 19@1 21 | 1 57 @1 58 | 20. | 1 60 @1 62 | 96 @ | 1 18 @ |
| 27. | 2 12@2 14 | 1 18@1 20 | 1 52 @1 53 | 27. | 1 60 @1 62 | 96 @ | 1 11 @1 13 |
| April 3. | 2 22@2 23 | 1 22@1 25 | 1 57 @1 58 | 3. | 1 73 @1 75 | 98 @ | 1 12 @ |
| 10. | 2 35@2 36 | 1 25@1 27 | 1 55 @1 56 | 10. | 1 78 @1 80 | 1 00 @1 03 | 1 10 @1 11 |
| 17. | 2 69@2 71 | 1 24@1 26 | 1 58 @1 59 | 17. | 1 80 @1 82 | 1 02 @1 04 | 1 12 @ |
| 24. | 2 84@2 86 | 1 19@1 21 | 1 81 @ | 24. | 1 90 @1 92 | 1 00 @1 01 | 1 13 @ |
| May 1. | 2 97@3 00 | 1 23@1 25 | 1 62 @ | 1. | 2 00 @2 02 | 98 @ | 1 18 @1 20 |
| 8. | 3 10@3 11 | 1 22@1 24 | 1 58 @ | 8. | 2 08 @2 10 | 95 @ | 1 18 @1 20 |
| 15. | 3 25@3 30 | 1 20@1 22 | 1 54 @1 55 | 15. | 2 12 @2 14 | 96 @ | 1 14 @1 16 |
| 22. | 2 97@3 00 | 1 11@1 12 | 1 53 @1 54 | 22. | 2 25 @2 27 | 98 @ | 1 10 @1 12 |
| 29. | 2 71@2 73 | 1 07@1 09 | 1 35 @1 36 | 29. | 2 25 @2 27 | 92 @ | 1 10 @1 12 |
| June 5. | 2 75@2 76 | 1 06@1 08 | 1 24 @1 26 | 5. | 2 08 @2 15 | 92 @ | 1 07 @1 09 |
| 12. | 2 92@2 95 | 1 08@1 10 | 1 16 @1 18 | 12. | 2 18 @2 20 | 95 @ | 1 09 @1 12 |
| 19. | 2 45@2 50 | 1 07@1 11 | 1 15 @1 16 | 19. | 2 30 @2 35 | 98 @ | 1 08 @1 10 |
| 26. | 2 40@2 45 | 1 09@1 12 | 1 20 @1 21 | 26. | 2 30 @2 35 | 98 @ | 1 08 @1 10 |
| July 3. | 2 40@2 45 | 1 10@1 12 | 1 26 @1 28 | 3. | 2 30 @2 35 | 98 @ | 1 08 @1 10 |
| 10. | 2 35@2 40 | 1 14@1 16 | 1 28 @1 27 | 10. | 2 30 @2 40 | 1 01 @1 03 | 1 10 @1 12 |
| 17. | 2 30@2 35 | 1 19@1 21 | 1 16 @1 17 | 17. | 2 40 @2 50 | 98 @ | 1 10 @1 12 |
| 24. | 2 50@2 55 | 1 28@1 29 | 1 12 @1 14 | 24. | 2 10 @2 20 | 1 01 @1 03 | 1 08 @1 10 |
| 31. | 2 48@2 55 | 1 29@1 31 | 1 10 @1 11 | 31. | 2 10 @2 20 | 1 03 @1 05 | 1 00 @ |
| August 7. | 2 43@2 45 | 1 38@1 40 | 1 13 @1 15 | 7. | 2 03 @2 05 | 1 10 @1 12 | 1 01 @ |
| 14. | 2 20@ | 1 47@1 48 | 1 13 @1 14 | 14. | 2 03 @2 05 | 1 10 @1 12 | 1 01 @1 03 |
| 21. | 2 16@ | 1 55@1 57 | 1 10 @1 12 | 21. | 1 70 @ | 1 18 @1 17 | 1 01 @ |
| 28. | 2 18@2 20 | 1 50@1 52 | 1 05 @1 08 | 28. | 1 75 @ | 1 27 @1 22 | 1 00 @ |
| September 4. | 2 17@2 18 | 1 54@1 56 | 1 08 @1 10 | 4. | 1 75 @ | 1 27 @1 25 | 99 @1 00 |
| 11. | 2 19@ | 1 54@1 56 | 1 11 @1 13 | 11. | 1 87 @ | 1 25 @1 27 | 92 @ |
| 18. | 2 19@ | 1 51@1 52 | 1 12 @1 14 | 18. | 1 82 @ | 1 23 @1 25 | 92 @ |
| 25. | 2 19@ | 1 57@1 58 | 1 12 @1 14 | 25. | 1 90 @ | 1 25 @1 25 | 98 @ |
| October 2. | | 1 60@1 61 | 1 12 @1 14 | 2. | 1 87 @ | 1 25 @1 27 | 98 @ |
| 9. | 2 17@ | 1 63 @ | 1 17 @1 18 | 9. | 1 80 @ | 1 27 @ | 98 @ |
| 16. | 2 17@ | 1 64 @ | 1 20 @1 24 | 16. | 1 77 @ | 1 29 @ | 1 01 @1 04 |
| 23. | 2 17@2 18 | 1 75 @1 78 | 1 16 @1 18 | 23. | 1 78 @ | 1 31 @ | 1 01 @1 03 |
| 30. | 2 17@ | 1 88 @ | 1 14 @1 16 | 30. | 1 78 @ | 1 40 @1 41 | 1 03 @1 05 |
| November 6. | 2 18@ | 1 83@1 83 | 1 14 @1 14 | 6. | 1 76 @ | 1 44 @ | 1 00 @1 02 |
| 13. | 2 16@ | 1 87@1 89 | 1 15 @1 16 | 13. | 1 75 @ | 1 47 @ | 99 @1 01 |
| 20. | 2 17@ | 1 85@1 87 | 1 14 @1 16 | 20. | 1 77 @ | 1 49 @ | 98 @1 01 |
| 27. | 2 17@ | 1 76@1 78 | 1 15 @1 17 | 27. | 1 80 @ | 1 53 @ | 98 @1 00 |
| December 4. | 2 17@ | 1 77@1 79 | 1 21 @1 23 | 4. | 1 79 @ | 1 52 @ | 98 @1 02 |
| 11. | 2 17@ | 1 77@1 79 | 1 21 @1 23 | 11. | 1 80 @ | 1 48 @ | 1 00 @1 02 |
| 18. | 2 17@ | 1 71@1 73 | 1 26 @1 27 | 18. | 1 80 @ | 1 38 @ | 1 01 @1 03 |
| 25. | 2 17@ | 1 77@1 80 | 1 27 @1 29 | 25. | 1 80 @ | 1 38 @ | 1 00 @1 02 |

* New.

* New.

Months of lowest and highest prices of Wheat, in years indicated:

| YEARS. | Lowest. | Highest. | YEARS. | Lowest. | Highest. |
|-----------|---------------|--------------|-----------|---------------|---------------|
| 1908..... | December..... | June..... | 1913..... | July..... | January..... |
| 1909..... | August..... | June..... | 1914..... | July..... | December..... |
| 1910..... | November..... | January..... | 1915..... | August..... | February..... |
| 1911..... | July..... | October..... | 1916..... | June..... | November..... |
| 1912..... | January..... | May..... | 1917..... | February..... | May..... |

PRICES OF CORN.

Quotations of Mixed Ear Corn and No. 2 Mixed Corn (shelled), per bushel, at Cincinnati, on Tuesday of each week, in three years:

| MIXED EAR CORN. | | | | No. 2 MIXED CORN (SHELLED.) | | | |
|-----------------|--------------|-------------|-----------|-----------------------------|--------------|--------------|------------|
| Dates. | 1917 | 1916 | 1915 | Dates. | 1917 | 1916 | 1915 |
| January 2. | 94 @ 95 | 66 @ 69 | 72 @ 74 | January 2. | 97 @ 97½ | 70½ @ 71 | 71½ @ 72 |
| 9. | 99 @ 1 00 | 70 @ 72 | 74 @ 76 | 9. | 1 03½ @ 1 04 | 76½ @ 77 | 72 @ 72½ |
| 16. | 1 00 @ 1 01 | 70 @ 72 | 74 @ 75 | 16. | 1 03 @ 1 03½ | 77½ @ 78 | 73½ @ 74 |
| 23. | 1 01 @ 1 03 | 71 @ 73 | 74 @ 76 | 23. | 1 05½ @ 1 06 | 77 @ 77½ | 76 @ 76½ |
| 30. | 1 02 @ 1 03 | 71 @ 73 | 77 @ 78 | 30. | 1 04 @ 1 04½ | 77½ @ 78 | 80½ @ 81 |
| February 6. | 1 02 @ 1 04 | 71 @ 73 | 76 @ 78 | February 6. | 1 03½ @ 1 04 | 75 @ 76 | 79 @ 79½ |
| 13. | 1 05 @ 1 06 | 71 @ 72 | 75 @ 77 | 13. | 1 06½ @ 1 07 | 75 @ 75½ | 77 @ 77½ |
| 20. | 1 06 @ 1 08 | 66 @ 68 | 75 @ 77 | 20. | 1 08 @ 1 08½ | 71 @ 72 | 75 @ 75½ |
| 27. | 1 06 @ 1 08 | 66 @ 70 | 72 @ 74 | 27. | 1 06½ @ 1 07 | 73 @ 74 | 70 @ 70½ |
| March 3. | 1 14 @ 1 15 | 68 @ 70 | 72 @ 74 | March 3. | 1 12½ @ 1 13 | 73½ @ 74½ | 74 @ 74½ |
| 13. | 1 13 @ 1 15 | 69 @ 71 | 72 @ 74 | 13. | 1 11 @ 1 11½ | 74 @ 75 | 75½ @ 76 |
| 20. | 1 18 @ 1 20 | 70 @ 72 | 73 @ 75 | 20. | 1 13½ @ 1 14 | 74½ @ 75 | 75 @ 76 |
| 27. | 1 22 @ 1 23 | 70 @ 72 | 73 @ 75 | 27. | 1 24 @ 1 25 | 75½ @ 76½ | 74½ @ 75 |
| April 3. | 1 27 @ 1 29 | 73 @ 74 | 75 @ 76 | April 3. | 1 28½ @ 1 29 | 76 @ 77 | 76 @ 76½ |
| 10. | 1 43 @ 1 45 | 74 @ 76 | 76 @ 77 | 10. | 1 41½ @ 1 42 | 78½ @ 79 | 77 @ 77½ |
| 17. | 1 49 @ 1 51 | 76 @ 77 | 79 @ 80 | 17. | 1 50 @ 1 50½ | 78½ @ 79 | 80½ @ 81 |
| 24. | 1 53 @ 1 55 | 76 @ 78 | 79 @ 80 | 24. | 1 56 @ 1 57 | 78 @ 78½ | 79½ @ 80 |
| May 1. | 1 58 @ 1 60 | 77 @ 79 | 79 @ 81 | May 1. | 1 60 @ 1 61 | 77½ @ 78 | 79 @ 79½ |
| 8. | 1 66 @ 1 68 | 79 @ 81 | 78 @ 80 | 8. | 1 64 @ 1 65 | 76 @ 76½ | 78½ @ 79 |
| 15. | 1 67 @ 1 69 | 79 @ 81 | 78 @ 80 | 15. | 1 69 @ 1 70 | 75½ @ 76 | 77½ @ 78 |
| 22. | 1 65 @ 1 67 | 78 @ 79 | 77 @ 78 | 22. | 1 69½ @ 1 70 | 76½ @ 77 | 77½ @ 78 |
| 29. | 1 59 @ 1 61 | 75 @ 77 | 77 @ 78 | 29. | 1 59 @ 1 60 | 72½ @ 73 | 77 @ 77½ |
| June 5. | 1 60 @ 1 62 | 73 @ 75 | 76 @ 77 | June 5. | 1 64½ @ 1 65 | 73 @ 74 | 74½ @ 75 |
| 12. | 1 75 @ 1 76 | 74 @ 76 | 78 @ 78½ | 12. | 1 75 @ 1 76 | 76 @ 76½ | 77 @ 77½ |
| 19. | 1 73 @ 1 74 | 75 @ 77 | 78 @ 79 | 19. | 1 73½ @ 1 74 | 78 @ 78½ | 77 @ 77½ |
| 26. | 1 74 @ 1 75 | 76 @ 78 | 82 @ 83 | 26. | 1 75 @ 1 76 | 77 @ 77½ | 77½ @ 78 |
| July 3. | 1 79 @ 1 81 | 77 @ 79 | 82 @ 83 | July 3. | 1 82 @ 1 83 | 79 @ 79½ | 78 @ 78½ |
| 10. | 1 96 @ 1 87 | 81 @ 83 | 80 @ 82 | 10. | 1 88 @ 1 89 | 83 @ 83½ | 79½ @ 80 |
| 17. | 1 99 @ 2 01 | 83 @ 84 | 80 @ 82 | 17. | 2 01 @ 2 02 | 83 @ 83½ | 81 @ 81½ |
| 24. | 2 20 @ 2 22 | 82 @ 83 | 84 @ 85 | 24. | 2 25 @ 2 26 | 83 @ 83½ | 82½ @ 83 |
| 31. | 2 28 @ 2 30 | 83 @ 84 | 84 @ 85 | 31. | 2 34 @ 2 35 | 83 @ 83½ | 80 @ 80½ |
| August 7. | 2 27 @ 2 29 | 85 @ 87 | 80 @ 81 | August 7. | 2 28 @ 2 30½ | 85½ @ 86 | 79½ @ 80 |
| 14. | 1 90 @ 1 92 | 85 @ 87 | 80 @ 81 | 14. | 1 70 @ 1 71 | 85 @ 85½ | 80 @ 80½ |
| 21. | 1 67 @ 1 68 | 88 @ 90 | 79 @ 80 | 21. | 1 70 @ 1 71 | 88 @ 88½ | 80 @ 80½ |
| 28. | 1 87 @ 1 89 | 88 @ 90 | 77 @ 78 | 28. | 1 90 @ 1 92 | 86 @ 87 | 77½ @ 78 |
| September 4. | 1 97 @ 1 99 | 87 @ 89 | 77 @ 78 | September 4. | 2 00 @ 2 01 | 87 @ 87½ | 78 @ 78½ |
| 11. | 2 12 @ 2 14 | 87 @ 89 | 76 @ 77 | 11. | 2 12 @ 2 14 | 87 @ 87½ | 77½ @ 78 |
| 18. | 2 00 @ 2 05 | 87 @ 88 | 75 @ 77 | 18. | 2 03 @ 2 05 | 86½ @ 87 | 75 @ 75½ |
| 25. | 2 04 @ 2 06 | 87 @ 88 | 68 @ 70 | 25. | 2 04 @ 2 05 | 88 @ 88½ | 70 @ 70½ |
| October 2. | 1 97 @ 1 99 | 88 @ 90 | 64 @ 65 | October 2. | 2 00 @ 2 02 | 89 @ 89½ | 63½ @ 64 |
| 9. | 1 85 @ 1 90 | 91½ @ 92½ | 64 @ 65 | 9. | 1 80 @ 1 90 | 93 @ 93½ | 64 @ 65 |
| 16. | 1 85 @ 1 90 | 90 @ 91 | 67 @ 68 | 16. | 1 93 @ 1 95 | 92½ @ 93 | 68½ @ 69 |
| 23. | 1 92 @ 1 94 | 1 00 @ 1 02 | 68 @ 69 | 23. | 1 98 @ 1 99 | 1 02 @ 1 02½ | 68 @ 68½ |
| 30. | 2 07 @ 2 11 | 1 02 @ 1 04 | 67 @ 68 | 30. | 2 12 @ 2 13 | 1 05 @ 1 06 | 66 @ 66½ |
| November 6. | * 100 @ 1 30 | * 84 @ 86 | 52½ @ 53 | November 6. | 2 24 @ 2 25 | 1 03 @ 1 03½ | 64 @ 64½ |
| 13. | 1 25 @ | 92 @ 93 | 54½ @ 55 | 13. | 2 20 @ 2 21 | 99½ @ 1 00 | 64½ @ 65 |
| 20. | | 90 @ 93 | 61 @ 62 | 20. | 2 05 @ 2 15 | 99½ @ 1 00 | 67½ @ 68 |
| 27. | | 90 @ 93 | 58 @ 60 | 27. | 2 05 @ 2 15 | 96 @ 96½ | * 63 @ 63½ |
| December 4. | 1 20 @ 1 30 | 88 @ 90 | 64 @ 66 | December 4. | * 176 @ | 91½ @ 92 | 68 @ 68½ |
| 11. | 1 35 @ | 90 @ 92 | 64½ @ 66½ | 11. | 1 75 @ | 92½ @ 93 | 66½ @ 67 |
| 18. | 1 35 @ 1 40 | 90 @ 92 | 67 @ 69 | 18. | 1 75 @ 1 85 | 95 @ 95½ | 71 @ 72 |
| 25. | 1 25 @ 1 35 | 92 @ 94 | 66 @ 68 | 25. | 1 60 @ 1 70 | 94½ @ 95 | 70½ @ 71½ |

* New

*New.

Range of prices of No. 2 White Shelled Corn, at Cincinnati, monthly, in 1917:

| | | | | | | | |
|--------------|--------------|------------|--------------|-------------|--------------|--------------|-------------|
| January.... | 97 @ 1 08 | April..... | 1 28½ @ 1 67 | July..... | 1 82 @ 2 36½ | October..... | 1 95 @ 2 25 |
| February.... | 1 02 @ 1 09 | May..... | 1 57 @ 1 74 | August.... | 1 85 @ 2 35 | November.... | 2 00 @ 2 30 |
| March..... | 1 08 @ 1 27½ | June..... | 1 60 @ 1 80 | September.. | 2 08 @ 2 30 | December.... | 1 60 @ 1 92 |

PRICES OF OATS.

Quotations for No. 2 Mixed Oats and No. 2 White Oats, per bushel, at Cincinnati, on Tuesday of each week, in three years:

| No. 2 MIXED OATS. | | | | No. 2 WHITE OATS. | | | |
|-------------------|-----------|-----------|-----------|-------------------|-----------|-----------|-----------|
| DATES. | 1917 | 1916 | 1915 | DATES | 1917 | 1916 | 1915 |
| January 2. | 55 @ 56 | 44 @ 45 | 53 @ 53½ | January 2. | 56 @ 56½ | 47½ @ 48 | 53½ 54 |
| 9. | 58 @ 58½ | 49 @ 51 | 55 @ 55½ | 9. | 60 @ 60½ | 52 @ 53 | 56 |
| 16. | 58½ @ 59 | 49 @ 50 | 55 @ 55½ | 16. | 60½ @ 61 | 54½ @ 55 | 55½ |
| 23. | 59 @ 59½ | 53 @ 54 | 56 @ 56½ | 23. | 61 @ 61½ | 55 @ 56 | 57 |
| 30. | 57½ @ 58 | 52 @ 53 | 58½ @ 59 | 30. | 59 @ 59½ | 55 @ 56 | 60½ @ 61 |
| February 6. | 58 @ 58½ | 49 @ 50 | 58½ @ 59 | February 6. | 61 @ 61½ | 51 @ 52 | 60 |
| 13. | 60½ @ 61 | 48½ @ 49½ | 59 @ 59½ | 13. | 61½ @ 62 | 52 @ 53 | 60 @ 60½ |
| 20. | 62½ @ 63 | 47 @ 48 | 58 | 20. | 64½ @ 65 | 52 @ 53 | 59½ @ 60 |
| 27. | 62 @ 62½ | 42 @ 43 | 56 | 27. | 64 @ 65 | 50 @ 51 | 57½ @ 58½ |
| March 6. | 65 @ 65½ | 43 @ 44 | 58½ @ 59 | March 6. | 67 @ 67½ | 48 @ 49 | 58½ @ 59½ |
| 13. | 63 @ 63½ | 43 @ 44 | 59 @ 60 | 13. | 66 @ 66½ | 47 @ 48 | 61 |
| 20. | 65 @ 65½ | 44 @ 45 | 60½ @ 61 | 20. | 67 @ 67½ | 49 @ 50 | 61½ |
| 27. | 68½ @ 69 | 44 @ 45 | 59 @ 59½ | 27. | 71½ @ 72 | 49½ @ 50½ | 60 @ 60½ |
| April 3. | 70 @ 70½ | 44 @ 45 | 59 @ 59½ | April 3. | 72 @ 72½ | 49½ @ 50½ | 59½ @ 60 |
| 10. | 72 @ 73 | 45 @ 46 | 58½ @ 59 | 10. | 74 @ 74½ | 50 @ 51 | 59½ @ 60 |
| 17. | 73½ @ 74 | 44 @ 45 | 59½ | 17. | 74½ @ 75 | 50½ @ 51 | 60 @ 60½ |
| 24. | 72 @ 72½ | 43½ @ 44½ | 57 | 24. | 73½ @ 74 | 40 @ 40½ | 57 @ 57½ |
| May 1. | 72½ @ 73 | 43½ @ 44½ | 57 | May 1. | 73 @ 73½ | 19 @ 19½ | 58 |
| 8. | 70½ @ 71 | 43½ @ 44½ | 55 @ 55½ | 8. | 72½ @ 73 | 52 @ 53 | 56 @ 56½ |
| 15. | 73 @ 73½ | 43 @ 44 | 54 @ 54½ | 15. | 74 @ 74½ | 51½ @ 52½ | 55 @ 56 |
| 22. | 71 @ 71½ | 41 @ 42 | 52½ | 22. | 73½ @ 74 | 47 @ 48 | 54½ |
| 29. | 63 @ 63½ | 38 @ 39 | 51 @ 51½ | 29. | 66 @ 66½ | 45 @ 46 | 52½ @ 54 |
| June 5. | 61½ @ 62 | 38 @ 39 | 50 @ 51 | June 5. | 65 @ 65½ | 45 @ 46 | 51½ |
| 12. | 68½ @ 69 | 39 @ 40 | 48 @ 48½ | 12. | 70½ @ 70½ | 45 @ 46 | 50½ |
| 19. | 68 @ 68½ | 39 @ 40 | 48½ | 19. | 69 @ 69½ | 45 @ 46 | 51 |
| 26. | 67½ @ 68½ | 38½ @ 39½ | 47½ @ 48 | 26. | 70½ @ 71 | 48 @ 50 | 50½ @ 51 |
| July 3. | 73 @ 73½ | 39 @ 40 | 51 | July 3. | 75 @ 75½ | 48 @ 50 | 52½ |
| 10. | 74 @ 74½ | 41 @ 42 | 54 @ 55 | 10. | 77 @ 77½ | 48 @ 49 | 57½ @ 58 |
| 17. | 77 @ 78 | 43 @ 43½ | 57½ @ 58 | 17. | 79½ @ 79½ | *45 @ 45½ | 58½ @ 59 |
| 24. | 85 @ 85½ | 41½ @ 42½ | 54 @ 56 | 24. | 88 @ 88½ | 45 @ 45½ | 59½ |
| 31. | 83½ @ 84 | *41 @ 42 | 54 | 31. | 87 @ 87½ | 45 @ 45½ | 58 |
| August 7. | 79 @ 81 | 42 @ 42½ | *51 @ 51½ | August 7. | 82½ @ 83 | 44 @ 45 | *53½ @ 54 |
| 14. | *60 @ 62 | 42 @ 43 | 41½ @ 44½ | 14. | *64½ @ 65 | 45 @ 45½ | 48 @ 49 |
| 21. | 54 @ 55 | 45½ @ 46 | 37½ | 21. | 57 @ 57½ | 47½ @ 48 | 47 @ 48 |
| 28. | 52 @ 54 | 46 @ 46½ | 35 @ 36 | 28. | 56½ @ 56½ | 49 @ 49½ | 43 @ 44 |
| September 4. | 57½ @ 58 | 46½ @ 47 | 34 @ 35 | September 4. | 60 @ 60½ | 48½ @ 49 | 44 @ 45 |
| 11. | 61 @ 62 | 46½ @ 47½ | 34 @ 35 | 11. | 62½ @ 62½ | 49 @ 49½ | 44 @ 45 |
| 18. | 59 @ 60 | 46½ @ 47 | 35 @ 36 | 18. | 61½ @ 62 | 48 @ 48½ | 42½ @ 43½ |
| 25. | 60½ @ 61 | 48 @ 48½ | 36 @ 37 | 25. | 62 @ 62½ | 50 @ 50½ | 39½ @ 41 |
| October 2. | 60 @ 60½ | 48 @ 48½ | 35 @ 35½ | October 2. | 62 @ 62½ | 50 @ 50½ | 41 |
| 9. | 60 @ 61 | 48 @ 48½ | 36 @ 37 | 9. | 62 @ 62½ | 51 @ 51½ | 40 @ 41 |
| 16. | 60 @ 60½ | 49½ @ 49 | 38 @ 39 | 16. | 61½ @ 62½ | 50 @ 50½ | 42½ @ 43½ |
| 23. | 61 @ 61½ | 53½ @ 54 | 37 @ 38 | 23. | 62½ @ 62½ | 55 @ 55½ | 42 @ 43 |
| 30. | 61 @ 61½ | 54 @ 54½ | 37 @ 38 | 30. | 62½ @ 62½ | 55½ @ 55½ | 41½ @ 42½ |
| November 6. | 60½ @ 61 | 53½ @ 54 | 38 @ 39 | November 6. | 62½ @ 62½ | 54½ @ 55 | 41½ @ 42 |
| 13. | 62½ @ 63 | 56½ @ 57 | 37 @ 37½ | 13. | 65 @ 65½ | 59 @ 59½ | 41 @ 41½ |
| 20. | 67 @ 68 | 58½ @ 59 | 37 @ 37½ | 20. | 69½ @ 70 | 59½ @ 60 | 41½ @ 42 |
| 27. | 75 @ 75½ | 56½ @ 57 | 38 @ 39 | 27. | 77½ @ 77½ | 58 @ 58½ | 42½ @ 43 |
| December 4. | 75 @ 76 | 56½ @ 57½ | 42 @ 43 | December 4. | 77½ @ 78 | 58½ @ 59 | 45 @ 45½ |
| 11. | 76 @ 78 | 55 @ 55½ | 42 @ 43 | 11. | 78 @ 79 | 56 @ 56½ | 45 @ 45½ |
| 18. | 82 @ 82½ | 53 @ 54 | 44½ | 18. | 83 @ 84 | 55 @ 55½ | 45½ @ 46 |
| 25. | 79 @ 79½ | 53 @ 53½ | 43 @ 44 | 25. | 82 @ 82½ | 54½ @ 55 | 46 @ 47 |

* New

* New

PRICES OF MALT.

Prices of Bottle Beer Malt ranged during 1917 by months as follows:

| | | | | | | | |
|---------------|-----------|------------|-----------|----------------|-----------|---------------|-----------|
| January..... | 1 38@1 55 | April..... | 1 53@1 73 | July..... | 1 75@1 82 | October..... | 1 53@1 71 |
| February..... | 1 40@1 55 | May..... | 1 67@1 82 | August..... | 1 78@1 85 | November..... | 1 47@1 60 |
| March..... | 1 40@1 63 | June..... | 1 75@1 82 | September..... | 1 58@1 85 | December..... | 1 53@1 76 |

MONTHLY RECEIPTS AND SHIPMENTS OF GRAIN.

Monthly receipts and shipments of Grain, in bushels, at Cincinnati, for the year ending December 31, 1917, including rebilled but exclusive of through movement:

| MONTHS. | RECEIPTS. | | | | | SHIPMENTS. | | | | |
|----------------|-----------|-----------|-----------|---------|-----------|------------|-----------|-----------|---------|---------|
| | WHEAT. | CORN. | OATS. | RYE. | BARLEY. | WHEAT. | CORN. | OATS. | RYE. | BARLEY. |
| January..... | 300,707 | 1,165,973 | 328,208 | 95,655 | 34,590 | 316,219 | 586,711 | 244,875 | 15,320 | 68 |
| February..... | 442,790 | 1,005,004 | 495,873 | 53,730 | 64,700 | 283,469 | 862,634 | 343,127 | 37,518 | 1,559 |
| March..... | 186,551 | 883,007 | 515,001 | 17,204 | 37,209 | 138,285 | 614,972 | 445,199 | 17,877 | 36,055 |
| April..... | 285,972 | 659,428 | 692,176 | 28,880 | 93,778 | 179,390 | 331,541 | 411,463 | 18,145 | 31,173 |
| May..... | 330,847 | 791,600 | 489,641 | 19,717 | 54,450 | 284,546 | 512,200 | 394,051 | 37,926 | 24,744 |
| June..... | 165,809 | 632,403 | 447,456 | 14,771 | 5,816 | 237,979 | 348,717 | 352,211 | 23,164 | 1,908 |
| July..... | 89,185 | 859,802 | 413,258 | 8,390 | 1,050 | 38,934 | 363,492 | 234,008 | 4,226 | 2,106 |
| August..... | 2,632,950 | 514,241 | 768,420 | 144,365 | 1,950 | 1,235,671 | 202,690 | 499,943 | 61,496 | |
| September..... | 901,802 | 352,598 | 1,162,878 | 111,608 | 48,555 | 1,296,925 | 182,374 | 610,532 | 93,803 | 2,196 |
| October..... | 871,122 | 444,629 | 766,657 | 86,091 | 345,746 | 828,455 | 160,756 | 765,647 | 82,372 | 3,352 |
| November..... | 726,003 | 393,904 | 515,005 | 72,765 | 207,762 | 711,409 | 138,007 | 491,149 | 51,785 | 13,950 |
| December..... | 584,220 | 616,583 | 449,141 | 97,688 | 108,222 | 601,230 | 352,203 | 354,247 | 67,644 | 1,240 |
| Totals..... | 7,517,958 | 8,939,172 | 7,073,714 | 750,864 | 1,003,828 | 6,152,512 | 4,657,197 | 5,140,452 | 511,274 | 118,351 |

MONTHLY PRICES OF MILL FEED.

Range of monthly prices of Bran, Coarse Middlings, Fine Middlings and Mixed Feed, per ton, at Cincinnati, during the year 1917, as indicated:

| MONTHS | BRAN | COARSE MIDDINGS | FINE MIDDINGS | MIXED FEED |
|----------------|-----------------|-----------------|-----------------|-----------------|
| January..... | \$28 50 @ 34 00 | \$32 50 @ 35 50 | \$34 00 @ 38 00 | \$31 00 @ 34 50 |
| February..... | 34 00 @ 38 50 | 35 00 @ 41 00 | 37 00 @ 42 00 | 34 50 @ 39 50 |
| March..... | 38 00 @ 41 00 | 39 00 @ 43 00 | 41 00 @ 44 00 | 39 00 @ 42 00 |
| April..... | 40 50 @ 42 50 | 42 00 @ 46 00 | 43 00 @ 48 00 | 41 50 @ 43 50 |
| May..... | 33 50 @ 42 50 | 40 00 @ 46 00 | 43 00 @ 48 00 | 38 00 @ 43 50 |
| June..... | 29 50 @ 34 00 | 39 00 @ 42 00 | 41 00 @ 47 00 | 35 50 @ 38 50 |
| July..... | 33 00 @ 39 00 | 41 00 @ 49 00 | 46 00 @ 50 00 | 37 00 @ 42 00 |
| August..... | 33 00 @ 41 00 | 45 00 @ 50 00 | 49 00 @ 53 00 | 39 00 @ 43 00 |
| September..... | 31 50 @ 34 00 | 39 50 @ 46 00 | 43 00 @ 50 00 | 35 50 @ 40 00 |
| October..... | 33 00 @ 34 00 | 43 00 @ 46 00 | 48 50 @ 49 00 | 37 00 @ 37 50 |
| November..... | 33 00 @ 39 00 | 43 00 @ 47 00 | 48 50 @ 49 50 | 37 00 @ 41 00 |
| December..... | 40 00 @ 43 50 | 46 00 @ 47 00 | 49 00 @ 50 00 | 42 50 @ 46 00 |

PRICES OF BARLEY.

Prices of No. 3 Spring Barley, ranged during 1917 by months as follows:

| | | | |
|--------------------------|-----------------------|---------------------------|--------------------------|
| January.....1 18 @ 1 36 | April.....1 30 @ 1 60 | July.....1 30 @ 1 60 | October.....1 35 @ 1 50 |
| February.....1 30 @ 1 36 | May.....1 50 @ 1 67 | August.....1 29 @ 1 60 | November.....1 35 @ 1 45 |
| March.....1 30 @ 1 36 | June.....1 55 @ 1 67 | September.....1 20 @ 1 50 | December.....1 32 @ 1 50 |

General average for the year 1.41.

MANUFACTURE OF FLOUR.

Number of barrels of Flour manufactured in Cincinnati for the years specified:

| | | | |
|------------------|------------------|------------------|------------------|
| 1906.....417,223 | 1909.....423,533 | 1912.....439,400 | 1915.....357,038 |
| 1907.....472,328 | 1910.....395,294 | 1913.....435,596 | 1916.....401,943 |
| 1908.....470,298 | 1911.....445,960 | 1914.....391,061 | 1917.....423,315 |

Average for 10 years, 418,245.

PRICES OF FLOUR.

Quotations for Winter Family, Extra and Low grades and Spring Family Flour, at Cincinnati, on Tuesday of each week, in two years:

| DATES. | WINTER FAMILY. | | EXTRA | | LOW GRADES. | | HARD WHEAT FAMILY | |
|---------|----------------|-------------|--------------|-------------|--------------|-------------|-------------------|-------------|
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| Jan. 2 | \$7 25@ 7 75 | \$5 15@5 25 | \$6 25@ 6 75 | \$4 70@4 90 | \$5 75@ 6 25 | \$4 50@4 70 | \$6 25@ 6 75 | \$4 90@5 25 |
| 9 | 8 00@ 8 50 | 5 30@5 40 | 7 00@ 7 50 | 4 85@5 05 | 6 50@ 7 00 | 4 85@4 85 | 7 00@ 7 50 | 5 05@5 40 |
| 16 | 8 00@ 8 50 | 5 30@5 40 | 7 00@ 7 50 | 4 85@5 05 | 6 50@ 7 00 | 4 85@4 85 | 7 00@ 7 50 | 5 05@5 40 |
| 23 | 8 25@ 8 75 | 5 40@5 50 | 7 25@ 7 75 | 4 95@5 15 | 6 75@ 7 25 | 4 75@4 95 | 7 25@ 7 75 | 5 15@5 50 |
| 30 | 8 00@ 8 50 | 5 40@5 50 | 7 00@ 7 50 | 4 95@5 15 | 6 50@ 7 00 | 4 75@4 95 | 7 00@ 7 50 | 5 15@5 50 |
| Feb. 6 | 7 75@ 8 25 | 5 40@5 50 | 6 75@ 7 25 | 4 95@5 15 | 6 25@ 6 75 | 4 75@4 95 | 6 75@ 7 25 | 5 15@5 50 |
| 13 | 7 75@ 8 25 | 5 40@5 50 | 6 75@ 7 25 | 4 95@5 15 | 6 25@ 6 75 | 4 75@4 95 | 6 75@ 7 25 | 5 15@5 50 |
| 20 | 8 00@ 8 50 | 5 40@5 50 | 7 00@ 7 50 | 4 95@5 15 | 6 50@ 7 00 | 4 75@4 95 | 7 00@ 7 50 | 5 15@5 50 |
| 27 | 8 00@ 8 50 | 5 25@5 35 | 7 00@ 7 50 | 4 80@5 00 | 6 50@ 7 00 | 4 60@4 80 | 7 00@ 7 50 | 5 00@5 35 |
| Mar. 6 | 8 25@ 8 75 | 5 25@5 35 | 7 25@ 7 75 | 4 80@5 00 | 6 75@ 7 25 | 4 60@4 80 | 7 25@ 7 75 | 5 00@5 35 |
| 13 | 8 25@ 8 75 | 5 15@5 25 | 7 25@ 7 75 | 4 70@4 90 | 6 75@ 7 25 | 4 50@4 70 | 7 25@ 7 75 | 4 75@5 10 |
| 20 | 8 25@ 8 75 | 5 15@5 25 | 7 25@ 7 75 | 4 60@4 80 | 6 75@ 7 25 | 4 00@4 25 | 7 25@ 7 75 | 4 60@4 85 |
| 27 | 8 50@ 9 00 | 5 15@5 25 | 7 50@ 8 00 | 4 60@4 80 | 7 00@ 7 50 | 4 00@4 25 | 7 50@ 8 00 | 4 60@4 85 |
| Apr. 3 | 8 75@ 9 25 | 5 15@5 25 | 7 75@ 8 25 | 4 60@4 80 | 7 25@ 7 75 | 4 00@4 25 | 7 75@ 8 25 | 4 60@4 85 |
| 10 | 9 25@ 9 75 | 5 15@5 25 | 8 25@ 8 75 | 4 60@4 80 | 7 75@ 8 25 | 4 00@4 25 | 8 25@ 8 75 | 4 60@4 85 |
| 17 | 10 50@11 00 | 5 15@5 25 | 9 50@10 00 | 4 60@4 80 | 9 00@ 9 50 | 4 00@4 25 | 9 50@10 00 | 4 60@4 85 |
| 24 | 10 50@11 00 | 5 14@5 25 | 9 50@10 00 | 4 60@4 80 | 9 00@ 9 50 | 4 00@4 25 | 9 50@10 00 | 4 60@4 85 |
| May 1 | 13 00@13 50 | 5 10@5 35 | 12 00@12 50 | 4 50@4 80 | 11 50@12 00 | 4 00@4 25 | 12 50@13 00 | 4 60@4 85 |
| 8 | 13 00@13 50 | 5 10@5 35 | 12 00@12 50 | 4 50@4 80 | 11 50@12 00 | 4 00@4 25 | 12 50@13 00 | 4 60@4 85 |
| 15 | 14 75@15 25 | 5 10@5 35 | 13 75@14 25 | 4 50@4 80 | 13 25@13 75 | 4 00@4 25 | 14 75@15 25 | 4 60@4 85 |
| 22 | 13 25@13 75 | 5 10@5 35 | 12 25@12 75 | 4 50@4 80 | 11 75@12 25 | 4 00@4 25 | 12 75@13 25 | 4 60@4 85 |
| 29 | 12 00@12 50 | 5 10@5 35 | 11 00@11 50 | 4 50@4 80 | 10 50@11 00 | 4 00@4 25 | 11 50@12 00 | 4 60@4 85 |
| June 5 | 12 25@12 75 | 4 50@4 75 | 11 25@11 75 | 4 00@4 25 | 10 75@11 25 | 3 50@3 75 | 11 75@12 25 | 4 00@4 25 |
| 12 | 12 25@12 75 | 4 50@4 75 | 12 25@12 75 | 4 00@4 25 | 11 75@12 25 | 3 50@3 75 | 12 75@13 25 | 4 00@4 25 |
| 19 | 12 50@13 00 | 4 50@4 75 | 11 50@12 00 | 4 00@4 25 | 11 00@11 50 | 3 50@3 75 | 12 00@12 50 | 4 00@4 25 |
| 26 | 11 50@12 00 | 4 50@4 75 | 10 50@11 00 | 4 00@4 25 | 10 00@10 50 | 3 50@3 75 | 11 00@11 50 | 4 00@4 25 |
| July 3 | 10 50@11 00 | 4 50@4 75 | 9 50@10 00 | 4 00@4 25 | 9 00@ 9 50 | 3 50@3 75 | 9 25@ 9 75 | 4 00@4 25 |
| 10 | 10 50@11 00 | 4 50@4 75 | 9 50@10 00 | 4 00@4 25 | 9 00@ 9 50 | 3 50@3 75 | 9 25@ 9 75 | 4 00@4 25 |
| 17 | 10 50@11 00 | 4 50@4 75 | 9 50@10 00 | 4 00@4 25 | 9 00@ 9 50 | 3 50@3 75 | 9 25@ 9 75 | 4 00@4 25 |
| 24 | 11 00@11 50 | 4 75@5 00 | 10 00@10 50 | 4 25@4 50 | 9 50@10 00 | 3 75@4 00 | 10 25@10 75 | 4 25@4 50 |
| 31 | 11 00@11 50 | 4 75@5 00 | 10 00@10 50 | 4 25@4 50 | 9 50@10 00 | 3 75@4 00 | 10 75@11 25 | 4 25@4 50 |
| Aug. 7 | 11 00@11 50 | 5 50@5 75 | 10 00@10 50 | 4 50@4 75 | 9 50@10 00 | 4 00@4 25 | 11 75@12 25 | 5 00@5 25 |
| 14 | 10 00@10 50 | 6 00@6 25 | 9 00@ 9 50 | 5 00@5 25 | 8 50@ 9 00 | 4 50@4 75 | 11 75@12 25 | 5 75@6 00 |
| 21 | 10 00@10 50 | 6 75@7 00 | 9 00@ 9 50 | 5 75@6 00 | 8 50@ 9 00 | 5 25@5 50 | 11 75@12 25 | 6 00@6 25 |
| 28 | 9 50@10 00 | 6 75@7 00 | 8 50@ 9 00 | 5 75@6 00 | 8 00@ 8 50 | 5 25@5 50 | 10 50@11 00 | 6 00@6 25 |
| Sept. 4 | 9 50@10 00 | 6 75@7 00 | 8 50@ 9 00 | 5 75@6 00 | 8 00@ 8 50 | 5 25@5 50 | 10 50@11 00 | 6 00@6 25 |
| 11 | 9 50@10 00 | 6 75@7 00 | 8 50@ 9 00 | 5 75@6 00 | 8 00@ 8 50 | 5 25@5 50 | 10 50@11 00 | 6 00@6 25 |
| 18 | 9 50@10 00 | 6 75@7 00 | 8 50@ 9 00 | 5 75@6 00 | 8 00@ 8 50 | 5 25@5 50 | 10 50@11 00 | 6 00@6 25 |
| 25 | 9 50@10 00 | 6 75@7 00 | 8 50@ 9 00 | 5 75@6 00 | 8 00@ 8 50 | 5 25@5 50 | 10 50@11 00 | 6 00@6 25 |
| Oct. 2 | 10 00@ | 6 75@7 00 | 9 00@ | 5 75@6 00 | 8 50@ | 5 25@5 50 | 10 00@10 50 | 6 25@6 50 |
| 9 | 9 90@ | 7 00@7 25 | 8 90@ | 6 00@6 25 | 8 40@ | 5 50@5 75 | 10 00@10 50 | 6 25@6 50 |
| 16 | 9 90@ | 7 00@7 25 | 8 90@ | 6 00@6 25 | 8 40@ | 5 50@5 75 | 10 00@10 50 | 6 25@6 50 |
| 23 | 9 90@ | 7 50@7 75 | 8 90@ | 6 50@6 75 | 8 40@ | 6 00@6 25 | 10 00@10 50 | 6 75@7 00 |
| 30 | 9 90@ | 7 50@7 75 | 8 90@ | 6 50@6 75 | 8 40@ | 6 00@6 25 | 10 00@10 50 | 6 75@7 00 |
| Nov. 6 | 9 90@ | 7 75@8 25 | 8 90@ | 6 75@7 25 | 8 40@ | 6 25@6 75 | 10 00@10 50 | 7 00@7 50 |
| 13 | 9 70@ | 8 25@8 75 | 8 70@ | 7 25@7 75 | 8 20@ | 6 75@7 25 | 10 00@10 50 | 7 50@8 00 |
| 20 | 9 70@ | 8 25@8 75 | 8 70@ | 7 25@7 75 | 8 20@ | 6 75@7 25 | 9 75@10 25 | 7 50@8 00 |
| 27 | 9 70@ | 7 75@8 25 | 8 70@ | 6 75@7 25 | 8 20@ | 6 25@6 75 | 9 75@10 25 | 6 75@7 25 |
| Dec. 4 | 9 70@ | 7 50@8 00 | 8 70@ | 6 50@7 00 | 8 20@ | 6 00@6 50 | 9 75@10 25 | 6 50@7 00 |
| 11 | 9 70@ | 7 50@8 00 | 8 70@ | 6 50@7 00 | 8 20@ | 6 00@6 50 | 9 75@10 25 | 6 50@7 00 |
| 18 | 9 70@ | 7 00@7 50 | 8 70@ | 6 00@6 50 | 8 20@ | 5 50@6 00 | 9 75@10 25 | 6 00@6 50 |
| 25 | 9 70@ | 7 25@7 75 | 8 70@ | 6 25@6 75 | 8 20@ | 5 75@6 25 | 9 75@10 25 | 6 25@6 75 |

Monthly movement of Flour, representing barrels, at Cincinnati, in 1917:

| MONTHS. | Receipts. | Shipm'ts. | MONTHS. | Receipts. | Shipm'ts. | MONTHS. | Receipts. | Shipm'ts. |
|---------------|-----------|-----------|-------------|-----------|-----------|--------------|-----------|-----------|
| January..... | 125,802 | 91,211 | May..... | 150,341 | 139,032 | September... | 208,128 | 155,984 |
| February..... | 104,079 | 63,528 | June..... | 198,047 | 199,400 | October..... | 192,702 | 129,382 |
| March..... | 150,322 | 114,834 | July..... | 158,098 | 149,170 | November... | 196,327 | 135,771 |
| April..... | 170,379 | 114,867 | August..... | 103,723 | 45,476 | December.... | 312,316 | 139,463 |

PRICES OF CLOVER AND TIMOTHY SEED AND HAY.

Quotations for Clover Seed and Timothy Seed, on arrival, at Cincinnati, per bushel, and Hay (No. 1 Timothy), per ton, on Tuesday of each week, in years indicated:

| DATES. | CLOVER SEED. | | TIMOTHY SEED. | | HAY. | |
|------------------|--------------|------------|---------------|------------|--------------|-------------|
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January 2..... | 8 75@10 00 | 8 40@10 00 | 1 30@2 00 | 2 30@ 3 25 | 15 50@ | 18 00 |
| 9..... | 8 75@10 00 | 8 75@10 50 | 1 30@2 00 | 2 50@ 3 30 | 16 50@ | 21 00 |
| 16..... | 8 75@10 00 | 8 75@10 50 | 1 30@2 00 | 2 50@ 3 30 | 17 00@ | 20 00@20 50 |
| 23..... | 9 00@10 00 | 8 75@10 50 | 1 60@2 00 | 2 50@ 3 30 | 16 00@ | 20 00 |
| 30..... | 9 00@10 00 | 8 75@10 50 | 1 60@2 00 | 2 50@ 3 30 | 15 00@16 00 | 20 75 |
| February 6..... | 9 25@10 25 | 9 00@11 50 | 1 60@2 00 | 2 40@ 3 25 | 16 00@ | 21 00 |
| 13..... | 9 25@11 00 | 9 25@11 25 | 1 60@2 00 | 2 30@ 3 20 | 15 50@16 00 | 20 50 |
| 20..... | 9 50@11 00 | 9 25@11 25 | 1 60@2 00 | 2 30@ 3 20 | 15 50@16 00 | 19 50@20 25 |
| 27..... | 9 50@11 00 | 9 25@11 25 | 1 60@2 00 | 2 30@ 3 20 | 16 00@16 50 | 19 50 |
| March 6..... | 9 50@11 00 | 8 50@10 50 | 1 60@2 00 | 2 00@ 3 00 | 16 00@16 50 | 19 50@19 75 |
| 13..... | 9 50@11 00 | 7 75@10 50 | 1 60@2 00 | 2 00@ 3 00 | 16 50@17 00 | 20 00 |
| 20..... | 9 50@11 00 | 7 75@10 50 | 1 60@2 00 | 2 00@ 3 00 | 16 50@17 00 | 20 00@20 50 |
| 27..... | 8 50@10 50 | 7 75@10 50 | 1 65@2 10 | 2 00@ 3 00 | 18 00@18 25 | 20 50 |
| April 3..... | 8 00@10 25 | 7 00@10 00 | 1 65@2 10 | 2 00@ 3 00 | 17 00@17 25 | 21 50@22 00 |
| 10..... | 8 00@10 25 | 7 00@ 9 50 | 1 65@2 10 | 1 90@ 2 90 | 18 00@18 50 | 21 50 |
| 17..... | 8 00@ 9 75 | 7 00@ 9 00 | 1 75@2 25 | 1 85@ 2 85 | 20 00@20 50 | 20 00@20 50 |
| 24..... | 8 00@ 9 50 | 7 00@ 9 00 | 2 00@2 50 | 1 85@ 2 85 | 21 50@ | 20 50 |
| May 1..... | 8 60@10 20 | 6 50@ 8 40 | 2 60@3 20 | 1 80@ 2 80 | 21 00@ | 21 00 |
| 8..... | 8 40@10 00 | 6 50@ 8 40 | 2 70@3 25 | 1 80@ 2 80 | 19 00@ | 22 00 |
| 15..... | 8 50@10 20 | 6 50@ 8 40 | 2 75@3 30 | 1 80@ 2 80 | 19 00@ | 23 00 |
| 22..... | 8 50@10 20 | 6 50@ 8 40 | 2 75@3 30 | 1 80@ 2 80 | 18 50@ | 24 00 |
| 29..... | 9 20@10 60 | 6 50@ 8 40 | 2 65@3 35 | 1 80@ 2 80 | 19 00@ | 22 00@22 50 |
| June 5..... | 9 20@10 60 | 6 50@ 8 40 | 2 65@3 35 | 1 80@ 2 80 | 18 00@18 50 | 20 00@20 50 |
| 12..... | 9 20@10 60 | 6 50@ 8 40 | 2 65@3 35 | 1 80@ 2 80 | 17 50@18 00 | 21 00 |
| 19..... | 9 20@10 60 | 6 50@ 8 40 | 2 65@3 35 | 1 80@ 2 80 | 19 00@ | 21 00 |
| 26..... | 9 20@10 60 | 6 50@ 8 40 | 2 65@3 35 | 1 80@ 2 80 | 17 50@18 00 | 20 00 |
| July 3..... | 9 00@10 00 | 6 50@ 8 40 | 2 65@3 25 | 1 80@ 2 80 | 17 25@17 50 | 18 00 |
| 10..... | 9 00@10 00 | 6 50@ 8 40 | 2 65@3 25 | 1 80@ 2 80 | 16 00@16 25 | *16 00 |
| 17..... | 9 25@10 25 | ..... | 2 60@3 20 | 1 50@ 2 50 | 17 50@18 00 | 15 00@15 50 |
| 24..... | 9 25@10 25 | ..... | 2 60@3 20 | 1 50@ 2 50 | 18 25@ | 14 50@15 00 |
| 31..... | 9 50@10 75 | ..... | 2 75@3 40 | 1 50@ 2 50 | 18 00@18 50 | 14 50 |
| August 7..... | 9 75@11 00 | 8 00@ 9 00 | 2 80@3 50 | 1 25@ 2 25 | 18 75@ | 15 00 |
| 14..... | 9 80@11 15 | 8 00@ 9 25 | 2 75@3 40 | 1 20@ 2 00 | 20 00@20 50 | 16 00 |
| 21..... | 9 80@11 15 | 8 00@ 9 00 | 2 75@3 40 | 1 20@ 1 90 | *19 00@19 50 | 15 00@15 50 |
| 28..... | 9 80@11 15 | 8 00@ 9 00 | 2 75@3 40 | 1 20@ 1 90 | 18 50@19 00 | 15 50 |
| September 4..... | 10 25@12 50 | 8 00@ 9 00 | 2 70@3 30 | 1 20@ 1 90 | 19 00@19 50 | 16 00 |
| 11..... | 10 60@12 60 | 8 00@ 9 00 | 2 60@3 25 | 1 20@ 1 90 | 21 50@22 00 | 16 00 |
| 18..... | 10 75@12 85 | 7 00@ 8 75 | 2 60@3 25 | 1 20@ 1 90 | 23 00@ | 16 00 |
| 25..... | 10 65@12 75 | 7 00@ 8 75 | 2 50@3 15 | 1 20@ 1 90 | 22 00@ | 16 00 |
| October 2..... | 10 65@12 75 | 7 00@ 8 75 | 2 50@3 15 | 1 20@ 1 90 | 22 00@22 50 | 16 00 |
| 9..... | 11 60@13 10 | 7 00@ 8 75 | 2 50@3 15 | 1 20@ 1 90 | 24 50@ | 16 00 |
| 16..... | 11 60@13 10 | 7 50@ 9 25 | 2 50@3 15 | 1 25@ 2 00 | 26 00@26 50 | 15 00 |
| 23..... | 11 60@13 10 | 7 50@ 9 25 | 2 50@3 15 | 1 25@ 2 00 | 27 50@ | 14 25@14 50 |
| 30..... | 11 60@13 25 | 8 50@ 9 75 | 2 50@3 15 | 1 30@ 2 10 | 27 50@ | 15 00 |
| November 6..... | 12 00@14 00 | 8 50@ 9 75 | 2 50@3 00 | 1 30@ 2 10 | 28 50@ | 15 00 |
| 13..... | 12 00@14 50 | 8 75@10 00 | 2 50@3 00 | 1 30@ 2 15 | 29 50@ | 16 00 |
| 20..... | 12 00@14 50 | 8 75@10 00 | 2 50@3 00 | 1 30@ 2 15 | 29 00@ | 16 50 |
| 27..... | 12 00@14 00 | 8 75@10 00 | 2 40@2 85 | 1 30@ 2 15 | 29 75@ | 16 50 |
| December 4..... | 12 00@14 00 | 8 75@10 00 | 2 40@2 85 | 1 30@ 2 15 | 29 00@29 50 | 16 50 |
| 11..... | 12 00@14 50 | 8 75@10 00 | 2 50@3 00 | 1 30@ 2 15 | 29 00@29 50 | 16 00 |
| 18..... | 12 00@14 50 | 8 75@10 00 | 2 50@3 00 | 1 30@ 2 00 | 29 50@29 75 | 15 50 |
| 25..... | 12 50@15 00 | 8 75@10 00 | 2 50@3 00 | 1 30@ 2 00 | 29 00@29 50 | 14 75@15 50 |

*New.

PRICES OF HAY BY GRADES.

Prices of Hay, at Cincinnati, at the close of December, as indicated:

| KINDS. | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 |
|-------------------------|-------------|---------|---------|---------|-------------|----------------|
| No. 1 Timothy..... | \$29.50 | \$15.00 | \$18 00 | \$18.50 | \$18.00 | \$ 15.50@16.00 |
| Standard Timothy..... | | | | | 17.00 | |
| No. 2 Timothy..... | 28.50@29.00 | 14.00 | 16 00 | 16 50 | 16.00 | 13.50@14.00 |
| No. 1 Clover Mixed..... | 29.00@29.50 | 15.00 | 16 00 | 18.00 | 15.00@15.50 | 15.00@15.50 |
| No. 1 Clover..... | 28.50@30.50 | 16.00 | | | | |

GRAIN, HAY AND FLOUR INSPECTION.

Table showing number of cars of grain and hay and barrels of flour inspected at Cincinnati for years indicated:

| Year | No. Cars Grain Inbound. | No. Cars Grain Outbound. | No. Cars Hay Inbound. | No. Cars. Hay Bale Inspected. | Barrels Flour. |
|------|-------------------------------|--------------------------------|-----------------------------|-------------------------------------|-------------------|
| 1912 | 18,607 | 8,387 | 8,345 | 5,850 | 19,374 |
| 1913 | 16,487 | 6,548 | 8,543 | 6,404 | 13,443 |
| 1914 | 16,692 | 6,071 | 9,344 | 6,629 | 5,726 |
| 1915 | 20,163 | 8,241 | 7,998 | 5,151 | 6,997 |
| 1916 | 18,966 | 6,129 | 8,273 | 4,532 | 5,815 |
| 1917 | 16,719 | 4,708 | 13,639 | 2,506 | 4,486 |

PRICES OF MESS PORK, HAMS AND LARD.

Quotations for Mess Pork, per barrel, the best Sugar-cured Hams and for Winter Prime Steam Lard, per pound, at Cincinnati, on Tuesday of each week, during two calendar years:

| DATES. | MESS PORK. | | SUGAR-CURED HAMS. | | PRIME STEAM LARD | |
|------------------|-------------|-------------|-------------------|-------------|------------------|----------------|
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January 2..... | 29 50@30 00 | 15 50@16 00 | 20 00@20 50 | 16 00@16 50 | 15 00 @15 25 | \$ 9 65 @ 9 75 |
| 9..... | 29 50@30 00 | 15 50@16 00 | 20 00@20 50 | 16 00@16 50 | 15 45 @15 70 | 9 87@ 9 97 |
| 16..... | 30 00@30 50 | 17 00@17 50 | 20 00@20 50 | 16 50@17 00 | 15 40 @15 65 | 10 30 @10 55 |
| 23..... | 30 00@30 50 | 17 00@17 50 | 20 00@20 50 | 17 00@17 50 | 15 87 @16 02 | 10 00 @10 20 |
| 30..... | 30 00@30 50 | 17 00@17 50 | 20 00@20 50 | 17 00@17 50 | 16 07 @16 22 | 9 70 @ 9 85 |
| February 6..... | 30 00@30 50 | 17 00@17 50 | 20 00@20 50 | 17 00@17 50 | 16 12 @16 27 | 9 65 @ 9 80 |
| 13..... | 30 00@30 50 | 17 00@17 50 | 20 00@20 50 | 17 00@17 50 | 16 07 @16 22 | 9 80 @ 9 90 |
| 20..... | 30 00@30 50 | 17 00@17 50 | 20 50@21 00 | 17 00@17 50 | 16 70 @16 85 | 9 87 @ 9 97 |
| 27..... | 30 00@30 50 | 18 00@18 50 | 20 50@21 00 | 17 00@17 50 | 17 27 @17 42 | 10 07 @10 17 |
| March 6..... | 34 50@35 00 | 20 00@21 00 | 22 50@23 00 | 17 00@17 50 | 18 67 @18 82 | 10 25 @10 35 |
| 13..... | 34 50@35 00 | 20 00@21 00 | 22 50@23 00 | 18 00@18 50 | 18 05 @18 20 | 10 45 @10 55 |
| 20..... | 35 50@36 00 | 20 00@21 00 | 23 50@24 00 | 18 00@18 50 | 19 50 @19 60 | 10 90 @11 00 |
| 27..... | 35 50@36 00 | 20 00@21 00 | 24 50@25 00 | 18 00@18 50 | 19 55 @19 65 | 10 95 @11 05 |
| April 3..... | 35 50@36 00 | 20 00@21 00 | 25 00@25 50 | 18 00@18 50 | 20 05 @20 15 | 10 90 @11 00 |
| 10..... | 38 00@38 50 | 21 00@22 00 | 25 50@26 00 | 18 00@18 50 | 21 00 @21 10 | 11 05 @11 15 |
| 17..... | 39 00@39 50 | 21 00@22 00 | 27 00@27 50 | 18 50@19 00 | 20 85 @21 05 | 11 30 @11 40 |
| 24..... | 39 00@39 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 21 25 @21 45 | 12 10 @12 20 |
| May 1..... | 40 00@40 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 22 20 @22 40 | 12 35 @12 45 |
| 8..... | 40 00@40 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 22 05 @22 25 | 12 55 @12 65 |
| 15..... | 40 00@40 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 22 70 @22 90 | 12 40 @12 50 |
| 22..... | 40 00@40 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 22 45 @22 65 | 12 50 @12 60 |
| 29..... | 40 00@40 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 21 75 @21 95 | 12 30 @12 40 |
| June 5..... | 40 00@40 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 21 50 @21 70 | 12 10 @12 20 |
| 12..... | 40 00@40 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 21 85 @22 05 | 12 50 @12 60 |
| 19..... | 40 00@40 50 | 22 00@23 00 | 27 00@27 50 | 19 00@19 50 | 21 80 @22 00 | 12 80 @12 90 |
| 26..... | 39 50@40 00 | 22 00@23 00 | 24 00@25 00 | 19 00@19 50 | 21 00 @21 15 | 12 80 @12 90 |
| July 3..... | 39 50@40 00 | 23 50@24 50 | 24 00@25 00 | 20 00@20 50 | 21 05 @21 20 | 12 92 @13 02 |
| 10..... | 39 50@40 00 | 23 50@24 50 | 24 00@25 00 | 20 00@20 50 | 20 05 @21 10 | 12 67 @12 77 |
| 17..... | 39 50@40 00 | 24 50@25 50 | 24 00@25 00 | 20 50@21 00 | 20 45 @20 60 | 12 70 @12 80 |
| 24..... | 39 50@40 00 | 24 50@25 50 | 24 00@25 00 | 20 50@21 00 | 20 10 @20 25 | 12 50 @12 60 |
| 31..... | 39 50@40 00 | 24 50@25 50 | 24 00@25 00 | 20 50@21 00 | 20 85 @21 00 | 12 35 @12 45 |
| August 7..... | 40 50@41 00 | 24 50@25 50 | 24 50@25 50 | 20 50@21 00 | 22 00 @22 15 | 12 90 @13 00 |
| 14..... | 42 50@43 00 | 24 50@25 50 | 25 50@26 50 | 20 50@21 00 | 22 35 @22 50 | 13 40 @13 50 |
| 21..... | 42 50@43 00 | 24 50@25 50 | 25 50@26 50 | 20 50@21 00 | 22 85 @23 05 | 13 90 @14 00 |
| 28..... | 43 00@43 50 | 25 00@25 50 | 25 50@26 50 | 20 50@21 00 | 22 40 @22 55 | 13 90 @14 00 |
| September 4..... | 43 00@43 50 | 25 00@25 50 | 25 50@26 50 | 20 50@21 00 | 22 05 @23 10 | 14 45 @14 55 |
| 11..... | 43 00@43 50 | 25 00@25 50 | 25 50@26 50 | 20 50@21 00 | 22 05 @23 10 | 14 05 @14 15 |
| 18..... | 43 00@43 50 | 25 00@25 50 | 27 00@28 00 | 20 50@21 00 | 23 60 @23 75 | 14 45 @14 55 |
| 25..... | 43 00@43 50 | 25 00@25 50 | 27 00@28 00 | 20 50@21 00 | 24 50 @24 70 | 14 30 @14 40 |
| October 2..... | 45 00@45 50 | 25 00@25 50 | 28 50@29 50 | 20 50@21 00 | 24 35 @24 50 | 14 30 @14 40 |
| 9..... | 45 00@45 50 | 25 00@25 50 | 28 50@29 50 | 20 50@21 00 | 24 25 @24 40 | 14 70 @14 80 |
| 16..... | 45 00@45 50 | 25 00@25 50 | 28 50@29 50 | 20 50@21 00 | 24 20 @24 35 | 15 20 @15 30 |
| 23..... | 45 00@45 50 | 27 00@27 50 | 28 50@29 50 | 20 50@21 00 | 23 95 @24 10 | 15 05 @15 15 |
| 30..... | 45 00@45 50 | 28 50@29 00 | 28 50@29 50 | 20 50@21 00 | 24 85 @25 00 | 16 95 @17 05 |
| November 6..... | 45 00@45 50 | 28 50@29 00 | 28 50@29 50 | 20 50@21 00 | 25 85 @26 00 | 16 85 @16 95 |
| 13..... | 45 00@45 50 | 20 50@30 00 | 28 50@29 50 | 20 50@21 00 | 27 10 @27 25 | 17 05 @17 15 |
| 20..... | 45 00@45 50 | 20 50@30 00 | 28 50@29 50 | 20 50@21 00 | 27 50 @27 65 | 16 85 @16 95 |
| 27..... | 45 00@45 50 | 20 50@30 00 | 28 50@29 50 | 20 50@21 00 | 26 85 @27 00 | 16 90 @17 00 |
| December 4..... | 45 00@45 50 | 20 50@30 00 | 28 50@29 50 | 20 50@21 00 | 24 90 @25 12 | 16 65 @16 75 |
| 11..... | 45 00@45 50 | 20 50@30 00 | 28 50@29 50 | 20 50@21 00 | 24 97 @25 12 | 16 90 @17 00 |
| 18..... | 44 50@45 00 | 29 50@30 00 | 28 50@29 50 | 20 50@21 00 | 23 80 @23 95 | 16 90 @17 00 |
| 25..... | 44 50@45 00 | 29 50@30 00 | 28 50@29 50 | 20 00@20 50 | 24 00 @24 15 | 16 25 @16 50 |

PRICES OF DRY SALTED AND SMOKED MEATS.

Quotations for Dry Salted Meats and Bacon, per pound, at Cincinnati, on Tuesday of each week, during two calendar years:

| DATE. | D. S. MEATS. | | | | BACON. | | | |
|---------|--------------|------|------------------|---------------|------------|------|------------------|---------------|
| | Shoulders | | Short Rib Sides. | | Shoulders. | | Short Rib Sides. | |
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| Jan. 2 | | | 15.00 @ 15.50 | 10.50 @ 10.75 | | | 17.25 @ 17.75 | 11.50 @ 11.75 |
| 9 | | | 15.00 @ 15.50 | 10.50 @ 10.75 | | | 17.25 @ 17.75 | 11.50 @ 11.75 |
| 16 | | | 15.00 @ 15.50 | 11.00 @ 11.25 | | | 17.25 @ 17.75 | 12.00 @ 12.25 |
| 23 | | | 15.50 @ 15.50 | 11.00 @ 11.25 | | | 17.25 @ 17.75 | 12.00 @ 12.25 |
| 30 | | | 15.00 @ 15.50 | 11.00 @ 11.25 | | | 17.25 @ 17.75 | 12.00 @ 12.25 |
| Feb. 6 | | | 15.00 @ 15.50 | 11.00 @ 11.25 | | | 17.25 @ 17.75 | 12.00 @ 12.25 |
| 13 | | | 15.00 @ 15.50 | 11.00 @ 11.25 | | | 17.25 @ 17.75 | 12.00 @ 12.25 |
| 20 | | | 15.25 @ 15.50 | 11.25 @ 11.50 | | | 17.25 @ 17.50 | 12.25 @ 12.50 |
| 27 | | | 15.25 @ 15.50 | 11.25 @ 11.50 | | | 17.25 @ 17.50 | 12.25 @ 12.50 |
| Mar. 6 | | | 18.75 @ 19.00 | 11.25 @ 11.50 | | | 20.75 @ 21.50 | 12.25 @ 12.50 |
| 13 | | | 18.75 @ 19.00 | 12.25 @ 12.75 | | | 20.75 @ 21.50 | 13.50 @ 14.00 |
| 20 | | | 18.75 @ 19.00 | 12.25 @ 12.75 | | | 20.75 @ 21.50 | 13.50 @ 14.00 |
| 27 | | | 19.00 @ 19.25 | 12.25 @ 12.75 | | | 21.00 @ 21.75 | 13.50 @ 14.00 |
| Apr. 3 | | | 19.00 @ 19.25 | 12.25 @ 12.75 | | | 21.00 @ 21.75 | 13.50 @ 14.00 |
| 10 | | | 20.50 @ 20.75 | 12.25 @ 12.75 | | | 23.00 @ 23.75 | 13.50 @ 14.00 |
| 17 | | | 20.50 @ 20.75 | 12.75 @ 13.25 | | | 23.00 @ 23.75 | 14.00 @ 14.50 |
| 24 | | | 20.50 @ 20.75 | 13.25 @ 13.75 | | | 23.00 @ 23.75 | 14.00 @ 14.50 |
| May 1 | | | 21.50 @ 21.75 | 13.25 @ 13.75 | | | 24.00 @ 24.75 | 14.50 @ 15.00 |
| 8 | | | 21.50 @ 21.75 | 13.25 @ 13.75 | | | 24.00 @ 24.75 | 14.50 @ 15.00 |
| 15 | | | 21.50 @ 21.75 | 13.25 @ 13.75 | | | 24.00 @ 24.75 | 14.50 @ 15.00 |
| 22 | | | 21.50 @ 21.75 | 13.25 @ 13.75 | | | 24.00 @ 24.75 | 14.50 @ 15.00 |
| 29 | | | 21.50 @ 21.75 | 13.25 @ 13.75 | | | 24.00 @ 24.75 | 14.50 @ 15.00 |
| June 5 | | | 21.50 @ 21.75 | 13.25 @ 13.75 | | | 24.00 @ 24.75 | 14.50 @ 15.00 |
| 12 | | | 21.50 @ 21.75 | 13.25 @ 13.75 | | | 24.00 @ 24.75 | 14.50 @ 15.00 |
| 19 | | | 21.50 @ 21.75 | 13.25 @ 13.75 | | | 24.00 @ 24.75 | 14.50 @ 15.00 |
| 26 | | | 21.25 @ 21.50 | 13.75 @ 14.25 | | | 23.25 @ 23.50 | 14.50 @ 15.00 |
| July 3 | | | 21.25 @ 21.50 | 13.75 @ 14.25 | | | 23.25 @ 23.50 | 15.50 @ 16.00 |
| 10 | | | 21.75 @ 22.00 | 14.25 @ 14.75 | | | 23.75 @ 24.00 | 15.50 @ 16.00 |
| 17 | | | 21.75 @ 22.00 | 14.25 @ 14.75 | | | 23.75 @ 24.00 | 15.50 @ 16.00 |
| 24 | | | 21.75 @ 22.00 | 14.25 @ 14.75 | | | 23.75 @ 24.00 | 15.50 @ 16.00 |
| 31 | | | 21.75 @ 22.00 | 14.25 @ 14.75 | | | 23.75 @ 24.00 | 15.50 @ 16.00 |
| Aug. 7 | | | 22.00 @ 22.25 | 14.25 @ 14.75 | | | 24.00 @ 24.25 | 15.50 @ 16.00 |
| 14 | | | 23.00 @ 23.25 | 14.25 @ 14.75 | | | 26.25 @ 26.50 | 15.50 @ 16.00 |
| 21 | | | 24.25 @ 24.50 | 14.25 @ 14.75 | | | 26.25 @ 26.50 | 15.50 @ 16.00 |
| 28 | | | 24.25 @ 24.50 | 14.75 @ 15.25 | | | 26.25 @ 26.50 | 15.50 @ 16.00 |
| Sept. 4 | | | 24.25 @ 24.50 | 14.75 @ 15.25 | | | 26.25 @ 26.50 | 15.50 @ 16.00 |
| 11 | | | 24.25 @ 24.50 | 14.75 @ 15.25 | | | 26.25 @ 26.50 | 15.50 @ 16.00 |
| 18 | | | 26.00 @ 26.50 | 14.75 @ 15.25 | | | 28.50 @ 29.00 | 15.50 @ 16.00 |
| 25 | | | 26.00 @ 26.50 | 14.75 @ 15.25 | | | 28.50 @ 29.00 | 15.50 @ 16.00 |
| Oct. 2 | | | 27.50 @ 28.00 | 14.75 @ 15.25 | | | 31.00 @ 31.50 | 15.50 @ 16.00 |
| 9 | | | 27.50 @ 28.00 | 14.75 @ 15.25 | | | 31.00 @ 31.50 | 15.50 @ 16.00 |
| 16 | | | 27.50 @ 28.00 | 14.75 @ 15.25 | | | 31.00 @ 31.50 | 15.50 @ 16.00 |
| 23 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 16.00 @ 16.50 |
| 30 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |
| Nov. 6 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |
| 13 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |
| 20 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |
| 27 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |
| Dec. 4 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |
| 11 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |
| 18 | | | 27.50 @ 28.00 | 15.25 @ 15.75 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |
| 25 | | | 27.50 @ 28.00 | 15.00 @ 15.50 | | | 31.00 @ 31.50 | 17.25 @ 17.75 |

HIGHEST DAILY PRICES OF HOGS.

Highest daily prices of Live Hogs, per 100 pounds, at Cincinnati, in 1917:

| DATES | January | February | March | April | May | June | July | August | September | October | November | December |
|-------|---------|----------|---------|-------|---------|---------|-------|---------|-----------|---------|----------|----------|
| 1 | | \$12 35 | \$13 65 | | \$15 75 | \$15 80 | | \$16 10 | \$18 75 | \$19 15 | \$17 00 | \$17 00 |
| 2 | 10 65 | 12 10 | | 15 40 | 15 65 | 15 90 | 15 50 | 16 10 | | 19 00 | 17 00 | |
| 3 | 10 65 | 12 25 | 13 85 | 15 25 | 15 85 | | 15 60 | 16 20 | 18 60 | 19 00 | 16 75 | 17 00 |
| 4 | 10 75 | | | 15 40 | 15 75 | 15 85 | | 16 25 | 18 60 | 19 00 | | 17 25 |
| 5 | 10 85 | 12 50 | 14 25 | 15 55 | 15 75 | | 15 75 | | 18 35 | 19 00 | 16 75 | 17 35 |
| 6 | 10 90 | 12 75 | 14 75 | 15 75 | | 15 90 | 15 85 | 16 50 | 18 00 | 19 10 | 16 75 | 17 35 |
| 7 | | 12 75 | 15 00 | 15 75 | 15 45 | 15 90 | 15 90 | 16 80 | 18 20 | | 16 75 | 17 25 |
| 8 | 11 00 | 12 50 | 15 10 | | 15 70 | 15 80 | | 16 75 | 18 40 | 19 00 | 17 00 | 17 25 |
| 9 | 11 10 | 12 40 | 15 00 | 15 90 | 15 75 | 15 75 | 15 75 | 16 85 | | 19 10 | 17 00 | |
| 10 | 10 90 | 12 65 | 15 10 | 16 30 | 16 00 | | 15 75 | 17 00 | 18 65 | 19 10 | 17 00 | 17 40 |
| 11 | 10 85 | | | 16 15 | 16 00 | 15 55 | 15 75 | 17 10 | 18 90 | 18 75 | | 17 35 |
| 12 | 11 00 | 12 75 | 15 00 | 16 25 | 16 20 | 15 65 | 15 85 | | 18 90 | 18 00 | 17 00 | 17 15 |
| 13 | 11 15 | 12 65 | 15 00 | 16 30 | | 15 65 | 15 85 | 17 30 | 18 75 | 18 00 | 17 00 | 17 35 |
| 14 | | 12 65 | 15 00 | 16 25 | 16 50 | 15 85 | 15 75 | 17 50 | 18 40 | | 17 25 | 16 75 |
| 15 | 11 15 | 12 65 | 15 00 | | 16 35 | 15 85 | | 17 85 | 18 25 | 18 00 | 17 25 | 16 25 |
| 16 | 11 25 | 12 55 | 15 10 | 16 15 | 16 25 | 15 85 | 15 70 | 18 15 | | 18 00 | 17 00 | |
| 17 | 11 35 | 12 70 | 15 15 | 16 10 | 16 35 | | 15 65 | 18 40 | 18 35 | 17 25 | 17 00 | 16 50 |
| 18 | 11 35 | | | 15 80 | 16 30 | 15 85 | 15 40 | 18 75 | 18 45 | 17 10 | | 16 35 |
| 19 | 11 35 | 12 70 | 15 25 | 15 80 | 16 35 | 16 00 | 15 25 | | 18 50 | 16 35 | 17 00 | 16 50 |
| 20 | 11 35 | 12 80 | 15 25 | 15 80 | | 16 10 | 15 20 | 19 00 | 18 60 | 15 50 | 17 35 | 16 50 |
| 21 | | 13 00 | 15 35 | 15 70 | 16 35 | 16 10 | 15 30 | 19 50 | 18 60 | | 17 50 | 16 50 |
| 22 | 11 35 | 13 00 | 15 25 | | 16 35 | 15 90 | | 19 40 | 18 65 | 15 50 | 17 40 | 16 65 |
| 23 | 11 50 | 13 00 | 15 10 | 15 50 | 16 35 | 15 90 | 15 50 | 19 00 | | 15 25 | 17 50 | |
| 24 | 11 75 | 13 15 | 15 10 | 15 60 | 16 30 | | 15 65 | 17 75 | 18 75 | 15 50 | 17 50 | 16 90 |
| 25 | 11 90 | | | 15 60 | 16 10 | 15 70 | 15 85 | 17 25 | 18 85 | 15 50 | | |
| 26 | 11 80 | 13 25 | 15 10 | | 16 10 | 15 70 | 15 90 | | 18 90 | 15 50 | 17 25 | 17 00 |
| 27 | | 13 50 | 15 25 | 15 85 | | 15 75 | 15 85 | 17 50 | 19 00 | 15 75 | 17 25 | 16 75 |
| 28 | | 13 75 | 15 25 | 15 90 | 15 90 | 15 75 | 16 00 | 17 75 | 19 15 | | 17 40 | 16 50 |
| 29 | 11 90 | | 15 30 | | 15 75 | 15 65 | | 18 00 | 19 15 | 16 25 | 17 25 | 16 40 |
| 30 | 12 00 | | 15 40 | 15 75 | 15 75 | 15 50 | 16 15 | 18 50 | | 16 50 | | |
| 31 | 12 10 | | 15 40 | | 15 85 | | 16 00 | 18 60 | | 16 75 | | 16 50 |

CINCINNATI PACKING COMPARISONS.

Total number of Hogs packed, at Cincinnati, each winter season, in twelve years, as indicated:

| YEARS. | Winter. | YEARS. | Winter. | YEARS. | Winter. | YEARS. | Winter. |
|---------|---------|---------|---------|---------|---------|---------|---------|
| 1905-06 | 255,167 | 1908-09 | 245,323 | 1911-12 | 277,806 | 1914-15 | 350,030 |
| 1906-07 | 226,988 | 1909-10 | 196,471 | 1912-13 | 273,530 | 1915-16 | 331,624 |
| 1907-08 | 297,472 | 1910-11 | 206,562 | 1913-14 | 258,645 | 1916-17 | 342,000 |

Total number of Hogs packed, at Cincinnati, each summer season, March 1, to November 1, for twelve years:

| | | | | | | | |
|------|---------|------|---------|------|---------|------|---------|
| 1906 | 359,624 | 1909 | 349,787 | 1912 | 344,577 | 1915 | 437,228 |
| 1907 | 397,903 | 1910 | 299,155 | 1913 | 413,733 | 1916 | 378,849 |
| 1908 | 421,476 | 1911 | 406,000 | 1914 | 429,462 | 1917 | 427,000 |

CINCINNATI PORK PACKING.

Details of Pork Packing, at Cincinnati, for the year ending, November 1, 1917, with comparisons for the preceding year.

| WINTER PACKING. NOVEMBER 1 TO MARCH 1—FOUR MONTHS. | | | SUMMER PACKING. MARCH 1 TO NOVEMBER 1—EIGHT MONTHS. | | |
|---|------------|------------|--|------------|------------|
| ARTICLES. | 1917 | 1915-16 | ARTICLES. | 1917 | 1916 |
| Number of Hogs packed..... | 342,000 | 321,624 | Number of Hogs packed..... | 427,000 | 378,849 |
| Increase..... | 20,376 | 28,406 | Increase..... | 48,160 | 58,379 |
| Average live weight, lbs..... | 214.50 | 212.00 | Average live weight, lbs..... | 204.00 | 206.00 |
| Increase..... | 2.50 | 5.00 | Decrease..... | 2.00 | |
| Average yield of Lard, lbs..... | 45.50 | 51.83 | Average yield of Lard, lbs..... | 40.50 | 48.42 |
| Decrease..... | 6.33 | 8.43 | Decrease..... | 7.92 | 5.97 |
| Percentage yield of Lard..... | 21.50 | 26.46 | Percentage yield of Lard..... | 25.00 | 26.05 |
| Decrease..... | 4.96 | 5.88 | Decrease..... | 1.05 | 5.45 |
| Cost of Hogs, 100 lbs..... | \$11.28 | \$8.43 | Cost of Hogs, 100 lbs..... | \$16.47 | \$11.11 |
| Increase..... | 2.85 | 1.28 | Increase..... | 5.36 | 3.33 |
| Aggregate live weight, lbs..... | 73,355,139 | 68,184,288 | Aggregate live weight, lbs..... | 87,085,764 | 78,142,894 |
| Increase..... | 5,170,851 | 7,765,712 | Increase..... | 8,942,870 | 11,925,074 |
| Green Sides, etc., made, lbs..... | 11,091,000 | 11,834,975 | Green Sides, etc., made, lbs..... | 14,212,000 | 14,217,516 |
| Green Hams made, lbs..... | 6,280,000 | 11,243,229 | Green Hams made, lbs..... | 6,126,000 | 13,506,642 |
| Green Shoulders made, lbs..... | 4,989,000 | 6,509,239 | Green Shoulders made, lbs..... | 4,622,000 | 7,819,634 |
| Total Green Meats, lbs..... | 22,960,000 | 29,587,443 | Total Green Meats, lbs..... | 24,960,000 | 35,543,792 |
| Total Lard made, lbs..... | 15,560,000 | 18,141,562 | Total Lard made, lbs..... | 17,289,000 | 19,156,223 |
| Total Product, lbs..... | 38,520,000 | 47,729,005 | Total Product, lbs..... | 42,249,000 | 54,700,015 |

Total number of Hogs packed at Cincinnati, each year ending November 1, for twelve years:

| | | | |
|------------------|------------------|------------------|------------------|
| 1906.....614,791 | 1909.....595,070 | 1912.....622,383 | 1915.....787,268 |
| 1907.....624,981 | 1910.....495,628 | 1913.....687,263 | 1916.....700,473 |
| 1908.....718,948 | 1911.....612,155 | 1914.....688,107 | 1917.....769,000 |

Average for 12 years, 659,622

Average Live Weight and yield of Lard of Hogs packed, at Cincinnati, during winter and summer seasons:

| SUMMER SEASON | | | WINTER SEASON. | | |
|---------------------------|---------|-------|---------------------------|---------|-------|
| YEAR. | WEIGHT. | LARD. | YEAR. | WEIGHT. | LARD. |
| 1908..... | 209.02 | 37.22 | 1907-08..... | 220.78 | 40.87 |
| 1909..... | 212.54 | 36.58 | 1908-09..... | 206.29 | 41.46 |
| 1910..... | 219.20 | 44.71 | 1909-10..... | 219.64 | 41.91 |
| 1911..... | 208.74 | 40.09 | 1910-11..... | 225.45 | 49.08 |
| 1912..... | 208.75 | 35.94 | 1911-12..... | 219.64 | 38.07 |
| 1913..... | 205.50 | 41.00 | 1912-13..... | 213.00 | 35.20 |
| 1914..... | 209.30 | 36.30 | 1913-14..... | 222.60 | 41.50 |
| 1915..... | 206.00 | 42.45 | 1914-15..... | 217.00 | 43.40 |
| 1916..... | 206.00 | 48.42 | 1915-16..... | 212.00 | 51.83 |
| 1917..... | 204.00 | 40.50 | 1916-17..... | 214.50 | 45.50 |
| Average for 10 years..... | 208.90 | 40.32 | Average for 10 years..... | 217.09 | 42.88 |

MONTHLY MOVEMENT OF HOG PRODUCT.

Monthly receipts and shipments of Hog Product, at Cincinnati, for 1917:

| MONTHS. | RECEIPTS FOR 1917. | | | | | |
|----------------|--------------------|----------------------------|----------------------------|---------------|---------------|----------------|
| | Bacon, lbs. | D.S. Meats, loose, lbs. | D.S. Meats, boxed, lbs. | Hams, lbs. | Lard, lbs. | Pork, bbls. |
| January..... | 127,598 | 945,586 | 125,134 | 137,561 | 856,132 | 1,275 |
| February..... | 347,407 | 391,362 | 359,715 | 181,307 | 1,298,556 | 709 |
| March..... | 258,323 | 2,250,871 | 1,286,814 | 293,633 | 2,559,820 | 102 |
| April..... | 248,969 | 1,753,127 | 593,585 | 114,236 | 1,433,808 | 130 |
| May..... | 503,512 | 1,392,010 | 973,905 | 204,130 | 1,028,540 | 82 |
| June..... | 183,886 | 1,888,582 | 690,515 | 98,931 | 568,696 | 139 |
| July..... | 226,746 | 1,259,731 | 587,492 | 136,676 | 821,762 | 107 |
| August..... | 639,592 | 1,407,040 | 1,532,889 | 241,244 | 1,620,298 | 179 |
| September..... | 169,459 | 2,316,045 | 492,900 | 61,614 | 1,281,402 | 76 |
| October..... | 328,962 | 3,149,097 | 841,290 | 113,070 | 1,126,697 | 4 |
| November..... | 359,414 | 929,525 | 1,498,232 | 290,310 | 790,058 | 379 |
| December..... | 219,466 | 1,419,655 | 826,676 | 114,046 | 710,632 | 193 |

| MONTHS. | SHIPMENTS FOR 1917. | | | | | |
|----------------|---------------------|----------------------------|----------------------------|---------------|---------------|----------------|
| | Bacon, lbs. | D.S. Meats, loose, lbs. | D.S. Meats, boxed, lbs. | Hams, lbs. | Lard, lbs. | Pork, bbls. |
| January..... | 1,597,624 | 2,761,339 | 1,109,651 | 1,344,927 | 1,006,156 | 16 |
| February..... | 1,390,395 | 3,712,631 | 719,181 | 603,133 | 1,767,831 | 169 |
| March..... | 1,426,891 | 4,613,250 | 891,152 | 589,313 | 3,291,529 | 2,491 |
| April..... | 1,183,523 | 3,644,039 | 436,536 | 374,022 | 1,061,253 | 166 |
| May..... | 1,410,218 | 4,118,867 | 1,149,930 | 393,188 | 1,597,182 | 75 |
| June..... | 2,137,758 | 4,309,100 | 1,364,839 | 503,965 | 1,301,972 | 260 |
| July..... | 820,447 | 4,321,539 | 1,031,154 | 455,164 | 1,576,205 | 392 |
| August..... | 1,396,034 | 4,603,700 | 2,582,221 | 704,369 | 2,866,070 | 770 |
| September..... | 1,101,312 | 4,427,132 | 1,242,162 | 278,993 | 2,384,335 | 97 |
| October..... | 951,419 | 4,991,635 | 2,080,087 | 259,388 | 2,264,170 | 35 |
| November..... | 1,960,725 | 2,655,230 | 1,496,227 | 477,697 | 1,935,832 | 51 |
| December..... | 608,982 | 1,967,852 | 1,409,509 | 222,523 | 1,187,551 | 2,465 |

MONTHLY MOVEMENT OF HOGS.

Monthly receipts and shipments of Hogs, at Cincinnati, for the four calendar years indicated:

| MONTHS. | RECEIPTS. | | | | SHIPMENTS. | | | |
|----------------|-----------|-----------|-----------|-----------|------------|---------|---------|---------|
| | 1917 | 1916 | 1915 | 1914 | 1917 | 1916 | 1915 | 1914 |
| January..... | 129,649 | 133,860 | 138,504 | 102,732 | 58,745 | 62,054 | 54,072 | 51,585 |
| February..... | 116,915 | 102,825 | 84,264 | 97,490 | 48,032 | 42,230 | 31,150 | 35,301 |
| March..... | 111,825 | 106,943 | 133,058 | 82,368 | 58,837 | 20,698 | 60,781 | 26,423 |
| April..... | 98,528 | 93,913 | 108,285 | 76,858 | 56,367 | 54,294 | 48,488 | 25,951 |
| May..... | 136,325 | 127,797 | 111,634 | 86,694 | 59,109 | 65,581 | 44,793 | 29,507 |
| June..... | 131,189 | 112,067 | 116,012 | 100,481 | 65,824 | 61,606 | 48,942 | 48,520 |
| July..... | 84,363 | 100,976 | 102,813 | 87,933 | 41,470 | 86,774 | 43,786 | 33,118 |
| August..... | 80,649 | 71,144 | 88,249 | 81,852 | 21,308 | 52,632 | 40,398 | 31,743 |
| September..... | 73,697 | 113,416 | 84,088 | 79,264 | 32,971 | 55,460 | 45,593 | 32,204 |
| October..... | 124,429 | 151,303 | 148,196 | 97,657 | 66,803 | 93,917 | 85,684 | 36,119 |
| November..... | 188,976 | 184,548 | 157,873 | 76,247 | 109,357 | 93,645 | 83,071 | 11,475 |
| December..... | 175,980 | 279,769 | 179,176 | 183,101 | 116,958 | 178,988 | 78,136 | 104,601 |
| Totals.. . . . | 1,452,525 | 1,578,461 | 1,452,152 | 1,152,677 | 735,781 | 876,888 | 664,894 | 466,607 |

MOVEMENT OF LIVE STOCK AT STOCK YARDS.

Monthly and yearly receipts and shipments of Hogs, Cattle and Sheep, and average live weight, at the Cincinnati Union Stockyards:

| MONTHS. | Hogs. | | | | CATTLE. | | | | SHEEP. | | | |
|----------------|-----------|-----------|------------|---------|-----------|---------|------------|---------|-----------|---------|------------|---------|
| | Receipts. | | Shipments. | | Receipts. | | Shipments. | | Receipts. | | Shipments. | |
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January..... | 117,684 | 131,499 | 49,582 | 50,959 | 25,279 | 20,098 | 6,740 | 6,307 | 3,557 | 5,179 | 828 | 96 |
| February..... | 100,089 | 89,095 | 36,659 | 33,648 | 22,192 | 16,125 | 6,143 | 5,149 | 2,184 | 5,452 | 559 | 297 |
| March..... | 94,621 | 82,631 | 31,086 | 25,246 | 20,534 | 18,661 | 5,451 | 4,793 | 2,092 | 3,386 | 27 | 224 |
| April..... | 94,862 | 93,760 | 34,399 | 31,495 | 20,944 | 15,319 | 4,455 | 4,178 | 1,281 | 4,566 | 100 | 745 |
| May..... | 117,803 | 108,741 | 47,518 | 50,121 | 20,423 | 17,851 | 4,110 | 4,422 | 6,953 | 18,782 | 3,000 | 8,310 |
| June..... | 106,675 | 92,913 | 48,324 | 71,556 | 23,376 | 16,373 | 6,030 | 4,177 | 52,168 | 71,678 | 42,621 | 60,218 |
| July..... | 70,244 | 65,060 | 32,344 | 60,769 | 26,015 | 17,172 | 7,871 | 6,507 | 56,011 | 87,909 | 49,528 | 84,636 |
| August..... | 66,625 | 69,645 | 22,000 | 44,706 | 37,970 | 27,500 | 15,285 | 13,443 | 93,640 | 88,959 | 82,820 | 78,750 |
| September..... | 64,095 | 82,226 | 26,605 | 44,717 | 41,930 | 32,199 | 19,689 | 16,032 | 28,005 | 20,030 | 24,581 | 12,225 |
| October..... | 109,099 | 140,250 | 52,882 | 82,163 | 53,547 | 39,480 | 26,665 | 20,779 | 14,450 | 12,599 | 9,851 | 4,188 |
| November..... | 165,495 | 159,389 | 99,393 | 87,021 | 40,824 | 33,261 | 16,877 | 15,072 | 7,293 | 8,521 | 4,571 | 2,567 |
| December..... | 131,770 | 144,906 | 70,676 | 76,296 | 24,093 | 25,671 | 8,043 | 9,558 | 2,695 | 5,180 | 867 | 608 |
| Totals..... | 1,239,042 | 1,260,118 | 551,468 | 658,697 | 357,127 | 279,710 | 127,359 | 110,507 | 270,329 | 332,241 | 219,353 | 252,864 |

Average weight of Hogs, Cattle and Sheep, weighed at the Union Stockyards:

| MONTHS. | Hogs. | | CATTLE. | | SHEEP. | |
|-----------------------|--------|--------|---------|--------|--------|-------|
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January..... | 189.37 | 194.88 | 822.34 | 880.45 | 81.14 | 80.36 |
| February..... | 181.66 | 191.58 | 803.20 | 862.95 | 78.63 | 76.60 |
| March..... | 171.72 | 174.40 | 871.48 | 844.16 | 78.36 | 73.77 |
| April..... | 172.17 | 177.81 | 829.92 | 844.94 | 79.96 | 71.16 |
| May..... | 172.85 | 180.44 | 817.71 | 815.58 | 82.12 | 86.50 |
| June..... | 180.00 | 186.95 | 807.47 | 812.86 | 75.47 | 75.33 |
| July..... | 189.24 | 195.59 | 886.50 | 776.11 | 73.09 | 73.38 |
| August..... | 186.38 | 188.15 | 815.85 | 803.76 | 72.27 | 72.61 |
| September..... | 185.37 | 185.04 | 791.52 | 833.11 | 76.22 | 74.20 |
| October..... | 176.61 | 174.98 | 819.32 | 820.83 | 79.89 | 74.58 |
| November..... | 173.96 | 181.37 | 788.37 | 841.89 | 82.47 | 79.49 |
| December..... | 191.91 | 186.77 | 824.51 | 831.32 | 82.96 | 81.15 |
| Average for year..... | 182.6 | 183.84 | 823.18 | 830.10 | 79.3 | 74.52 |

PRICES OF CATTLE AND SHEEP BY GRADES.

Prices by grades of Cattle and Sheep, at Cincinnati, at the close of December:

| GRADES. | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 |
|-------------------------------------|-------------|------------|-----------|-----------|-----------|-----------|
| CATTLE. | | | | | | |
| Fair to good shippers, per 100 lbs. | 9 50@13 00 | 7 50@10 00 | 6 00@8 00 | 6 50@7 85 | 6 75@7 75 | 7 00@8 25 |
| Good to choice butchers " " | 10 00@11 75 | 8 00@9 25 | 6 25@7 75 | 6 50@7 75 | 6 75@7 75 | 6 85@8 10 |
| Fair to medium butchers, " " | 7 50@9 75 | 6 00@7 75 | 5 00@6 00 | 4 85@6 25 | 5 60@6 65 | 5 00@6 75 |
| Common, " " | 5 75@7 00 | 4 75@5 50 | 3 50@4 75 | 4 00@4 65 | 4 50@5 50 | 2 75@4 85 |
| SHEEP. | | | | | | |
| Extras per 100 lbs..... | 10 00@10 50 | 8 00@8 50 | 6 00@6 25 | 4 65@4 85 | 4 50 | 4 00 |
| Good to choice " "..... | 9 00@9 50 | 7 50@8 00 | 5 25@5 90 | 4 15@4 65 | 4 10@4 40 | 3 60@3 90 |
| Common to fair, " "..... | 5 00@8 00 | 5 00@7 00 | 4 00@5 15 | 2 75@4 00 | 2 75@4 00 | 2 00@3 50 |

PRICES OF CATTLE, HOGS AND SHEEP.

Quotations for Cattle fair to medium quality, Hogs fair to good packers and Sheep good to extra quality, per 100 pounds, alive, at Cincinnati, on Tuesday of each week, in two years:

| CATTLE. | | | HOGS. | | SHEEP. | |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| DATES. | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January 2 | \$6 25@ 8 00 | \$5 00@ 6 00 | 10 40@ 10 60 | \$6 85@ 8 95 | \$7 50@ 8 50 | \$5 50@ 6 50 |
| 9 | 6 25@ 8 25 | 5 00@ 6 00 | 10 85@ 11 05 | 7 00@ 7 15 | 7 50@ 8 50 | 5 75@ 6 65 |
| 16 | 6 50@ 8 50 | 5 40@ 6 25 | 11 00@ 11 25 | 7 50@ 7 60 | 7 50@ 8 50 | 5 75@ 6 75 |
| 23 | 6 50@ 8 50 | 5 00@ 6 00 | 11 25@ 11 50 | 7 50@ 7 75 | 8 00@ 8 75 | 5 75@ 6 75 |
| 30 | 7 00@ 8 75 | 5 00@ 6 00 | 11 75@ 12 00 | 8 00@ 8 20 | 8 00@ 9 00 | 5 75@ 6 85 |
| February 6 | 7 75@ 9 00 | 5 25@ 6 25 | 12 50@ 12 75 | 8 20@ 8 45 | 8 25@ 9 00 | 5 75@ 7 00 |
| 13 | 7 75@ 9 00 | 5 25@ 6 25 | 12 50@ 12 65 | 8 25@ 8 50 | 8 25@ 9 00 | 5 75@ 7 00 |
| 20 | 7 75@ 9 00 | 5 25@ 6 25 | 12 60@ 12 75 | 8 45@ 8 70 | 8 50@ 9 50 | 6 50@ 7 75 |
| 27 | 7 75@ 9 00 | 5 40@ 6 40 | 13 25@ 13 50 | 8 70@ 8 95 | 9 00@ 10 00 | 6 50@ 7 75 |
| March 6 | 7 75@ 9 00 | 5 75@ 6 75 | 14 50@ 14 75 | 9 25@ 9 50 | 9 00@ 10 00 | 6 50@ 7 75 |
| 13 | 8 25@ 9 50 | 6 00@ 7 00 | 14 75@ 15 00 | 9 80@ 10 05 | 9 50@ 10 50 | 6 75@ 8 00 |
| 20 | 8 50@ 9 75 | 6 00@ 7 25 | 15 00@ 15 25 | 9 40@ 9 70 | 9 50@ 10 50 | 6 75@ 8 00 |
| 27 | 8 75@ 10 00 | 6 00@ 7 40 | 15 00@ 15 25 | 10 00@ 10 20 | 10 00@ 11 50 | 6 75@ 8 00 |
| April 3 | 8 75@ 10 00 | 6 00@ 7 40 | 15 00@ 15 25 | 9 80@ 9 85 | 10 00@ 11 50 | 6 50@ 7 75 |
| 10 | 8 75@ 10 00 | 6 00@ 7 40 | 16 00@ 16 15 | 9 70@ 9 85 | 10 00@ 11 50 | 6 75@ 8 00 |
| 17 | 8 75@ 10 00 | 6 25@ 7 75 | 15 75@ 16 00 | 9 85@ 9 85 | 11 00@ 12 00 | 6 75@ 8 00 |
| 24 | 8 75@ 10 00 | 6 25@ 7 75 | 15 50@ 15 60 | 9 75@ 9 90 | 11 00@ 12 00 | 6 75@ 8 00 |
| May 1 | 8 75@ 10 00 | 6 25@ 7 75 | 15 50@ 15 65 | 9 50@ 9 75 | 11 00@ 11 75 | 6 75@ 8 00 |
| 8 | 8 75@ 10 00 | 6 00@ 7 75 | 15 25@ 15 55 | 9 85@ 9 85 | 8 50@ 9 50 | 6 75@ 8 00 |
| 15 | 9 00@ 10 25 | 6 75@ 8 25 | 16 15@ 16 25 | 10 00@ 10 15 | 9 00@ 10 00 | 6 50@ 7 75 |
| 22 | 9 00@ 10 25 | 6 85@ 8 50 | 16 00@ 16 25 | 9 80@ 9 80 | 10 50@ 11 00 | 7 50@ 8 50 |
| 29 | 9 50@ 10 50 | 6 75@ 8 50 | 15 50@ 15 55 | 9 25@ 9 55 | 11 50@ 12 00 | 6 75@ 7 50 |
| June 5 | 9 00@ 10 50 | 6 50@ 8 25 | 15 50@ 15 60 | 9 15@ 9 30 | 9 00@ 10 00 | 6 25@ 7 25 |
| 12 | 8 50@ 10 00 | 6 75@ 8 50 | 15 00@ 15 25 | 9 55@ 9 70 | 8 00@ 9 25 | 6 00@ 7 00 |
| 19 | 8 50@ 10 00 | 6 25@ 8 00 | 15 50@ 15 70 | 9 80@ 9 85 | 8 00@ 9 50 | 6 00@ 7 00 |
| 26 | 8 25@ 9 75 | 6 25@ 8 00 | 15 25@ 15 40 | 9 80@ 9 75 | 8 00@ 9 25 | 6 00@ 7 00 |
| July 3 | 7 50@ 9 00 | 6 25@ 7 75 | 15 00@ 15 15 | 9 75@ 9 90 | 6 00@ 8 50 | 6 00@ 7 00 |
| 10 | 7 50@ 9 00 | 6 25@ 7 75 | 15 00@ 15 50 | 9 75@ 9 90 | 6 00@ 8 25 | 6 00@ 6 85 |
| 17 | 8 00@ 9 25 | 6 00@ 7 50 | 15 25@ 15 30 | 9 80@ 9 80 | 6 00@ 8 00 | 5 75@ 6 50 |
| 24 | 8 00@ 9 00 | 6 00@ 7 50 | 15 25@ 15 60 | 9 85@ 9 95 | 6 00@ 8 00 | 5 75@ 7 00 |
| 31 | 8 00@ 9 00 | 6 00@ 7 50 | 15 80@ 15 95 | 9 85@ 10 00 | 6 00@ 8 25 | 5 50@ 7 00 |
| August 7 | 8 00@ 9 00 | 6 00@ 7 25 | 16 25@ 16 45 | 9 50@ 10 05 | 6 00@ 8 00 | 5 50@ 7 00 |
| 14 | 8 00@ 9 00 | 6 00@ 7 25 | 17 00@ 17 40 | 10 30@ 10 45 | 6 00@ 8 50 | 5 50@ 7 00 |
| 21 | 7 50@ 9 00 | 6 00@ 7 25 | 19 25@ 19 50 | 11 00@ 11 15 | 6 50@ 9 00 | 5 25@ 6 75 |
| 28 | 7 50@ 9 00 | 6 00@ 7 25 | 17 00@ 17 65 | 11 00@ 11 15 | 6 50@ 9 00 | 5 00@ 6 60 |
| September 4 | 7 50@ 9 00 | 6 00@ 7 25 | 18 00@ 18 40 | 10 90@ 11 15 | 6 50@ 9 25 | 5 00@ 6 50 |
| 11 | 7 50@ 9 00 | 6 00@ 7 25 | 18 50@ 18 90 | 11 10@ 11 35 | 8 50@ 10 00 | 5 50@ 6 75 |
| 18 | 7 50@ 9 00 | 6 75@ 7 00 | 18 25@ 18 40 | 11 25@ 11 50 | 8 50@ 10 00 | 5 50@ 6 75 |
| 25 | 7 00@ 8 75 | 5 75@ 7 00 | 18 50@ 18 85 | 10 90@ 11 05 | 8 50@ 10 00 | 5 50@ 6 75 |
| October 2 | 7 00@ 8 75 | 5 75@ 7 00 | 18 50@ 19 00 | 9 75@ 9 90 | 8 50@ 10 00 | 5 50@ 6 75 |
| 9 | 7 00@ 8 75 | 5 50@ 7 00 | 18 50@ 19 10 | 9 85@ 9 80 | 8 50@ 10 50 | 5 50@ 6 50 |
| 16 | 7 00@ 8 75 | 5 50@ 7 00 | 17 25@ 18 00 | 9 75@ 10 00 | 8 50@ 10 50 | 5 50@ 6 50 |
| 23 | 7 00@ 8 50 | 5 50@ 7 00 | 14 50@ 15 25 | 10 10@ 10 35 | 8 00@ 10 00 | 5 50@ 6 75 |
| 30 | 7 50@ 9 00 | 5 50@ 7 00 | 15 75@ 16 50 | 9 80@ 10 10 | 8 00@ 10 00 | 5 50@ 6 75 |
| November 6 | 7 50@ 9 25 | 5 50@ 7 00 | 16 00@ 16 75 | 9 80@ 9 85 | 8 00@ 10 00 | 5 50@ 6 75 |
| 13 | 7 50@ 9 50 | 5 50@ 7 00 | 16 50@ 17 00 | 9 85@ 10 10 | 8 00@ 10 00 | 5 75@ 7 00 |
| 20 | 7 50@ 9 50 | 5 50@ 7 00 | 17 00@ 17 25 | 9 25@ 9 75 | 8 00@ 10 00 | 5 75@ 7 00 |
| 27 | 7 50@ 9 50 | 5 75@ 7 25 | 17 00@ 17 25 | 9 75@ 10 05 | 8 00@ 10 00 | 6 00@ 7 00 |
| December 4 | 7 50@ 9 50 | 6 00@ 7 50 | 17 00@ 17 25 | 9 75@ 10 05 | 8 00@ 10 00 | 6 00@ 7 00 |
| 11 | 7 50@ 9 50 | 6 00@ 7 50 | 17 00@ 17 25 | 9 85@ 10 20 | 8 00@ 10 00 | 6 70@ 7 50 |
| 18 | 7 50@ 9 50 | 6 00@ 7 75 | 16 25@ 16 35 | 10 15@ 10 35 | 8 50@ 10 50 | 7 50@ 8 50 |
| 25 | 7 50@ 9 50 | 6 00@ 7 75 | 16 50@ 16 75 | 10 50@ 10 65 | 8 50@ 10 50 | 7 50@ 8 50 |

THROUGH MOVEMENT OF CATTLE, HOGS AND SHEEP.

| | Cattle. | Hogs. | Sheep. |
|-----------|---------|---------|--------|
| 1917..... | 44,904 | 266,023 | 25,420 |
| 1916..... | 37,157 | 223,635 | 30,941 |
| 1915..... | 22,287 | 229,439 | 46,386 |

PRICES OF BUTTER, CHEESE AND EGGS.

Quotations for No. 1 Packing Stock Dairy Butter, Creamery Butter (Whole Milk Extra), and Ohio Cheese, per pound, and Eggs, Prime Firsts per dozen, at Cincinnati, on Tuesday of each week:

| DATES. | DAIRY BUTTER. | | CREAMERY BUTTER. | | CHEESE. | | EGGS. | |
|-------------|---------------|------|------------------|------|---------|------|-------|------|
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January 2 | 28 | 19 | 43 | 35½ | 24 | 17 | 48 | 33½ |
| 9 | 28 | 18½ | 43 | 35 | 25 | 17 | 46 | 31½ |
| 16 | 27 | 19 | 42½ | 35 | 25 | 17½ | 53 | 34 |
| 23 | 24½ | 19 | 40½ | 35 | 24 | 17½ | 41 | 28 |
| 30 | 25½ | 19 | 43 | 34 | 24 | 18 | 41 | 28½ |
| February 6 | 25½ | 19 | 43 | 34½ | 24 | 18 | 50 | 25 |
| 13 | 26½ | 19 | 46 | 35½ | 24 | 18 | 43 | 22 |
| 20 | 26 | 19 | 46 | 37 | 24 | 18 | 43½ | 21 |
| 27 | 25½ | 19½ | 44 | 38 | 24 | 18½ | 32 | 23 |
| March 6 | 25½ | 21 | 44 | 39 | 25 | 18½ | 28 | 18½ |
| 13 | 25½ | 21 | 44 | 39 | 25 | 18½ | 25½ | 19 |
| 20 | 25½ | 23 | 44 | 40 | 25 | 18½ | 26 | 19½ |
| 27 | 26½ | 23 | 44 | 40 | 25 | 18½ | 29½ | 20 |
| April 3 | 28½ | 23½ | 47 | 40 | 25 | 18½ | 30 | 20 |
| 10 | 30 | 25 | 48 | 40 | 25 | 18½ | 33 | 20½ |
| 17 | 33 | 25 | 50 | 37 | 25 | 18½ | 33 | 20½ |
| 24 | 33 | 24 | 48 | 36 | 25 | 18½ | 33 | 20½ |
| May 1 | 28 | 24 | 41 | 36 | 25 | 18½ | 33 | 21 |
| 8 | 28 | 24 | 42 | 34 | 25 | 18½ | 33 | 20½ |
| 15 | 29 | 23 | 41 | 32 | 25 | 18½ | 33½ | 21 |
| 22 | 29½ | 23 | 42 | 33½ | 25 | 18½ | 34 | 21½ |
| 29 | 32 | 22½ | 45 | 33 | 25 | 18½ | 34 | 21 |
| June 5 | 32½ | 22 | 44 | 33 | 25 | 18½ | 34 | 21 |
| 12 | 32½ | 22½ | 42 | 33 | 25 | 17 | 30 | 21½ |
| 19 | 30 | 22 | 39 | 28 | 25 | 17 | 29½ | 22½ |
| 26 | 30½ | 22½ | 39 | 32 | 25 | 17 | 31 | 22½ |
| July 3 | 30½ | 22½ | 39 | 32 | 25 | 17 | 33½ | 22½ |
| 10 | 30½ | 22½ | 40 | 31½ | 25 | 17 | 35 | 23 |
| 17 | 30½ | 21½ | 40 | 31 | 25 | 17 | 34½ | 24 |
| 24 | 31 | 21½ | 40½ | 31½ | 25 | 17 | 34 | 24 |
| 31 | 31½ | 21½ | 41 | 32 | 25 | 17 | 33½ | 24 |
| August 7 | 32 | 21½ | 41 | 32½ | 25 | 17 | 36½ | 27 |
| 14 | 33 | 22 | 42 | 33 | 25 | 17 | 37 | 27½ |
| 21 | 34 | 22½ | 42½ | 34½ | 25 | 17 | 39 | 29 |
| 28 | 35 | 23 | 43 | 35 | 25 | 17 | 38½ | 30½ |
| September 4 | 35 | 24 | 44 | 35½ | 25 | 17 | 41 | 31 |
| 11 | 35 | 24 | 45 | 36 | 25 | 10 | 41 | 31 |
| 18 | 35½ | 24 | 45½ | 36½ | 25 | 10 | 41 | 31 |
| 25 | 36 | 25 | 47 | 37 | 25 | 10 | 40 | 32½ |
| October 2 | 36 | 25½ | 46 | 38 | 20 | 19 | 40 | 34 |
| 9 | 36 | 26½ | 46 | 38½ | 20 | 19 | 40 | 34 |
| 16 | 36 | 26½ | 46 | 38½ | 20 | 19 | 40 | 35½ |
| 23 | 34 | 27 | 44½ | 38 | 26 | 21 | 43 | 36 |
| 30 | 34 | 27½ | 45½ | 39 | 26 | 21 | 44½ | 37½ |
| November 6 | 33½ | 27½ | 45½ | 40 | 26 | 21 | 47 | 42 |
| 13 | 32 | 28 | 46 | 40½ | 26 | 24 | 48 | 42 |
| 20 | 32 | 30 | 47 | 44 | 26 | 24 | 49 | 42 |
| 27 | 30 | 31 | 47½ | 46 | 26 | 24 | 51 | 40 |
| December 4 | 29 | 29 | 49 | 44 | 26 | 24 | 53 | 40 |
| 11 | 31 | 29 | 49 | 41 | 26 | 24 | 55 | 44 |
| 18 | 33½ | 29½ | 53 | 42½ | 26 | 24 | 55 | 44 |
| 25 | 33½ | 28 | 53 | 42½ | 26 | 24 | 55 | 44 |

PRICES OF OLEOMARGARINE.

Prices of Oleomargarine, at Cincinnati, for the year 1917, ranged as follows:

| | | | |
|----------------------|--------------------|------------------------|----------------------|
| January.....15 @ 20 | April.....15 @ 24½ | July.....17 @ 24½ | October.....17 @ 30 |
| February.....15 @ 29 | May.....17 @ 24½ | August.....17 @ 24½ | November.....22 @ 30 |
| March.....15 @ 22½ | June.....17 @ 24½ | September.....17 @ 24½ | December.....22 @ 30 |

PRICES OF APPLES, ORANGES, LEMONS AND POTATOES.

Quotations for Green Apples (choice), per barrel; Oranges (choice), per box; Lemons (choice), per box; Potatoes, per bushel, on arrival at Cincinnati, each week:

| DATES. | GREEN APPLES. | | ORANGES. | | LEMONS. | | POTATOES. | |
|-----------|---------------|-------------|-----------|-------------|-----------|-------------|------------|------------|
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January | 2 \$2 75@4 25 | \$2 00@2 50 | 2 00@3 25 | \$2 10@3 00 | 2 00@4 00 | \$2 75@3 50 | 1 85@1 90 | \$ 90@1 05 |
| 9 | 2 75@4 25 | 2 00@2 50 | 1 40@1 80 | 2 10@3 00 | 2 00@2 50 | 2 75@3 50 | 1 85@1 90 | 90@1 05 |
| 16 | 2 75@4 25 | 2 00@2 50 | 1 40@1 80 | 1 80@ | 2 00@2 50 | 3 50@4 50 | 2 05@2 15 | 1 10@1 18 |
| 23 | 2 75@4 25 | 2 00@2 50 | 1 40@1 80 | 1 80@ | 2 00@2 50 | 3 50@4 50 | 2 05@2 15 | 1 10@1 18 |
| 30 | 2 75@4 25 | 2 00@2 50 | 1 40@1 80 | 1 80@ | 2 00@2 50 | 3 50@4 50 | 2 05@2 15 | 1 05@1 10 |
| February | 6 | 2 75@4 25 | 2 00@2 50 | 2 25@ | 2 75@2 90 | 3 50@4 50 | 2 20@2 35 | 1 05@ |
| 13 | 3 50@4 00 | 2 00@2 50 | 2 25@3 00 | 2 00@2 25 | 2 75@2 90 | 3 50@3 75 | 2 50@2 85 | 1 05@ |
| 20 | 3 50@4 00 | 2 00@2 50 | 2 25@3 00 | 2 00@2 25 | 2 75@2 90 | 3 50@3 75 | 2 70@2 85 | 1 05@ |
| 27 | 3 50@4 00 | 2 00@2 50 | 2 25@2 50 | 2 00@2 25 | 2 75@3 25 | 3 50@3 75 | 2 95@3 00 | 1 05@ |
| March | 6 | 4 50@5 00 | 2 00@2 50 | 3 00@ | 2 00@2 50 | 2 75@3 25 | 3 50@3 75 | 2 75@3 00 |
| 13 | 4 50@5 00 | 2 00@2 50 | 3 00@ | 2 00@2 50 | 2 75@3 25 | 3 50@3 75 | 2 50@2 75 | 1 00@1 12 |
| 20 | 4 75@5 25 | 2 00@2 50 | 3 00@ | 2 00@2 50 | 2 75@3 25 | 3 50@3 75 | 2 45@2 60 | 1 05@1 10 |
| 27 | 4 75@5 25 | 2 00@2 50 | 3 00@ | 2 00@2 50 | 2 75@3 25 | 3 50@3 75 | 2 45@2 60 | 1 05@1 10 |
| April | 3 | 4 75@5 25 | 2 00@2 50 | 3 00@3 50 | 2 75@3 00 | 3 50@3 75 | 2 25@2 75 | 2 45@2 60 |
| 10 | 4 75@5 25 | 2 00@2 50 | 2 75@3 50 | 1 85@2 25 | 3 25@3 75 | 2 25@2 75 | 3 00@3 15 | 1 05@1 12 |
| 17 | 4 75@5 25 | 2 00@2 50 | 2 75@3 50 | 1 85@2 25 | 3 25@3 75 | 2 25@2 75 | 3 00@3 30 | 85@1 10 |
| 24 | 4 75@5 25 | 2 00@2 50 | 2 75@3 50 | 1 85@3 50 | 3 25@3 75 | 2 00@2 75 | 3 15@3 30 | 85@1 10 |
| May | 1 | 4 75@5 25 | 2 00@2 50 | 2 75@3 50 | 2 75@3 00 | 2 00@2 75 | 2 75@3 00 | 85@1 10 |
| 8 | 4 75@5 25 | 2 00@2 50 | 2 00@3 00 | 2 50@3 25 | 2 75@3 00 | 2 00@2 75 | 2 65@2 75 | 1 00@1 15 |
| 15 | 4 75@5 25 | 2 00@2 50 | 2 00@3 00 | 2 25@3 50 | 2 75@3 00 | 2 50@3 00 | 3 00@3 25 | 1 03@1 15 |
| 22 | 4 75@5 25 | 2 00@2 50 | 2 00@3 00 | 2 25@3 50 | 2 75@3 00 | 2 25@2 50 | 3 00@ | 1 03@1 10 |
| 29 | 4 75@5 25 | 2 00@2 50 | 2 00@3 00 | 2 25@3 50 | 2 60@3 50 | 2 25@2 50 | 3 00@3 25 | 1 15@1 30 |
| June | 5 | 4 75@5 25 | 2 00@2 50 | 1 60@3 00 | 2 25@3 50 | 2 25@2 50 | 3 25@3 50 | 1 15@1 30 |
| 12 | 4 75@5 25 | 2 00@2 50 | 1 60@3 25 | 2 25@3 50 | 2 60@3 50 | 2 25@2 50 | 3 60@3 75 | 1 15@1 25 |
| 19 | 4 75@5 25 | 2 00@2 50 | 1 50@3 25 | 2 25@3 50 | 2 60@3 50 | 2 25@2 50 | 3 60@3 90 | 1 15@1 25 |
| 26 | 4 75@5 25 | 2 75@3 25 | 2 75@3 75 | 2 25@3 50 | 2 75@3 50 | 2 25@2 50 | 3 00@3 25 | 1 15@1 25 |
| July | 3 | 4 75@5 25 | 2 75@3 25 | 2 75@3 75 | 2 75@3 50 | 2 50@4 25 | 2 30@2 50 | 1 15@1 25 |
| 10 | 4 75@5 25 | 2 75@3 25 | 2 75@3 75 | 3 25@ | 2 75@3 50 | 2 50@4 25 | 1 60@2 15 | 1 15@1 25 |
| 17 | 4 75@5 25 | 2 75@3 25 | 2 75@3 75 | 3 25@ | 2 75@3 50 | 2 50@4 25 | 1 75@ | 85@ 90 |
| 24 | 4 75@5 25 | 2 75@3 25 | 2 50@3 00 | 3 25@ | 3 25@4 50 | 2 50@4 25 | 1 50@1 65 | 80@ 90 |
| August | 31 | 2 75@3 25 | 2 50@3 00 | 3 50@ | 3 25@4 50 | 6 00@6 50 | 1 50@1 65 | 80@ 90 |
| 7 | 2 75@3 25 | 3 00@ | 3 50@ | 3 50@ | 3 25@4 50 | 6 00@6 50 | 1 30@ | 80@ 90 |
| 14 | 2 75@3 25 | 3 00@ | 3 50@ | 3 50@ | 8 00@9 00 | 6 00@6 50 | 1 30@ | 1 00@1 15 |
| 21 | 2 75@3 25 | 3 00@ | 3 50@ | 3 50@ | 7 50@8 00 | 6 00@6 50 | 1 60@ | 90@1 05 |
| 28 | 2 75@3 25 | 3 00@ | 3 75@ | 3 75@ | 7 50@8 00 | 6 50@6 75 | 1 50@ | 90@1 00 |
| September | 4 | 4 00@4 25 | 2 25@3 50 | 2 50@ | 5 00@6 50 | 6 50@6 75 | 1 30@ | 90@1 00 |
| 11 | 4 00@4 25 | 2 25@3 50 | 2 50@ | 3 75@ | 5 00@6 50 | 6 50@6 75 | 1 20@ | 1 15@1 20 |
| 18 | 4 00@4 25 | 2 25@3 50 | 2 50@ | 3 50@ | 5 00@6 50 | 5 75@6 50 | 1 25@1 30 | 1 15@1 20 |
| 25 | 4 00@4 25 | 2 25@3 25 | 1 25@ | 3 50@ | 5 00@6 50 | 5 75@6 50 | 1 25@1 30 | 1 15@1 20 |
| October | 2 | 4 00@4 50 | 2 25@3 25 | 2 00@ | 4 50@6 50 | 5 75@6 50 | 1 10@1 20 | 1 25@1 30 |
| 9 | 4 00@4 50 | 2 25@3 25 | 2 00@ | 2 75@ | 4 50@6 50 | 3 50@ | 1 25@1 30 | 1 20@1 25 |
| 16 | 4 00@4 50 | 3 00@4 00 | 2 00@ | 2 75@3 25 | 4 50@6 50 | 3 50@4 25 | 1 50@1 60 | 1 25@1 35 |
| 23 | 4 00@4 50 | 3 00@4 00 | 2 00@ | 2 75@3 25 | 4 50@6 50 | 3 50@4 25 | 1 50@1 60 | 1 25@1 35 |
| 30 | 4 00@5 50 | 3 00@4 00 | 2 00@ | 2 75@3 25 | 4 50@6 50 | 3 50@4 25 | 1 45@ | 1 70@ |
| November | 6 | 4 00@5 50 | 3 00@4 00 | 3 00@ | 4 50@5 50 | 2 50@4 25 | 1 45@ | 1 65@1 75 |
| 13 | 4 00@5 50 | 3 00@4 00 | 3 00@ | 2 50@4 25 | 4 50@5 50 | 4 00@4 50 | 1 40@1 45 | 1 70@1 75 |
| 20 | 4 00@5 50 | 3 00@4 00 | 3 00@ | 2 50@4 25 | 4 50@5 50 | 4 00@4 50 | 1 35@1 65 | 1 70@1 75 |
| 27 | 4 00@5 50 | 2 75@4 25 | 3 00@ | 2 50@4 25 | 4 50@5 50 | 4 00@4 50 | 1 35@1 65 | 1 70@1 75 |
| December | 4 | 4 00@5 50 | 2 75@4 25 | 3 00@ | 2 25@3 25 | 4 50@5 50 | *2 15@2 60 | 1 70@1 75 |
| 11 | 4 00@5 50 | 2 75@4 25 | 2 50@ | 2 25@3 25 | 4 25@5 50 | 2 75@4 50 | 2 15@2 60 | 1 70@1 75 |
| 18 | 4 00@5 50 | 2 75@4 25 | 2 50@ | 2 00@3 25 | 4 25@5 50 | 2 00@4 50 | 2 15@2 60 | 1 65@1 70 |
| 25 | 4 00@5 50 | 2 75@4 25 | 3 50@4 75 | 2 00@3 25 | 3 50@4 50 | 2 00@4 50 | 2 15@2 60 | 1 65@1 70 |

* 100 lbs. Sacks.

POTATO CROPS OF THE UNITED STATES.

Estimated yearly production of Potatoes in the United States, in bushels:

| | | | |
|-----------------------|-----------------------|-----------------------|-----------------------|
| 1906..... 308,038,000 | 1909..... 349,032,000 | 1912..... 420,647,000 | 1915..... 359,103,000 |
| 1907..... 297,942,000 | 1910..... 389,197,000 | 1913..... 331,525,000 | 1916..... 286,953,000 |
| 1908..... 278,985,000 | 1911..... 292,737,000 | 1914..... 405,921,000 | 1917..... 442,536,000 |

PRICES OF COFFEE AND SUGAR.

Quotations for Fair Rio Coffee, Off A and Hard Sugar, per pound, at Cincinnati, on Tuesday of each week:

| DATE. | FAIR RIO COFFEE. | | OFF A SUGAR. | | HARD SUGAR. | |
|------------------|------------------|--------|--------------|-----------|-------------|-----------|
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January 2..... | 14 1/2 | 14 1/2 | 6 85@6 95 | 6 00 | 7 25@ 8 55 | 6 35@7 25 |
| 9..... | 14 1/2 | 14 1/2 | 6 85@6 95 | 5 80 | 7 25@ 8 55 | 6 15@7 05 |
| 16..... | 14 1/2 | 14 1/2 | 6 85@6 95 | 5 80 | 7 25@ 8 55 | 6 15@7 05 |
| 23..... | 14 1/2 | 14 1/2 | 6 85@6 95 | 5 90 | 7 25@ 8 55 | 6 25@7 15 |
| 30..... | 14 1/2 | 14 1/2 | 6 85@6 95 | 6 05 | 7 25@ 8 55 | 6 40@7 30 |
| February 6..... | 14 1/2 | 14 1/2 | 6 85@6 95 | 6 05 | 7 25@ 8 55 | 6 40@7 30 |
| 13..... | 13 1/2 | 14 1/2 | 6 85@6 95 | 6 15 | 7 25@ 8 55 | 6 50@7 40 |
| 20..... | 13 1/2 | 14 1/2 | 7 35@7 45 | 6 40 | 7 75@ 9 05 | 6 85@7 80 |
| 27..... | 13 1/2 | 14 1/2 | 7 60@7 70 | 6 40 | 8 00@ 9 30 | 6 85@7 80 |
| March 6..... | 13 1/2 | 14 1/2 | 7 90@8 00 | 6 65 | 8 30@ 9 60 | 6 90@8 05 |
| 13..... | 13 1/2 | 14 1/2 | 7 90@8 00 | 6 65 | 8 30@ 9 60 | 6 90@8 05 |
| 20..... | 13 1/2 | 14 1/2 | 7 90@8 00 | 6 90 | 8 30@ 9 60 | 7 15@8 30 |
| 27..... | 13 1/2 | 14 1/2 | 7 90@8 00 | 7 05@7 15 | 8 30@ 9 60 | 7 45@8 75 |
| April 3..... | 13 1/2 | 14 1/2 | 7 90@8 00 | 7 05@7 15 | 8 30@ 9 60 | 7 45@8 75 |
| 10..... | 13 1/2 | 14 1/2 | 8 35@8 45 | 7 05@7 15 | 8 75@10 05 | 7 45@8 75 |
| 17..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 20@7 30 | 9 00@10 30 | 7 60@8 90 |
| 24..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 45@7 55 | 9 00@10 30 | 7 85@9 15 |
| May 1..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 55@7 65 | 9 00@10 55 | 7 95@9 25 |
| 8..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 80@7 90 | 9 00@10 55 | 8 20@9 50 |
| 15..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 80@7 90 | 9 00@10 55 | 8 20@9 50 |
| 22..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 80@7 90 | 9 00@10 55 | 8 20@9 50 |
| 29..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 80@7 90 | 9 00@10 55 | 8 20@9 50 |
| June 5..... | 13 1/2 | 14 1/2 | 8 10@8 20 | 7 80@7 90 | 8 50@10 05 | 8 20@9 50 |
| 12..... | 13 1/2 | 14 1/2 | 8 10@8 20 | 7 80@7 90 | 8 50@10 05 | 8 20@9 50 |
| 19..... | 13 1/2 | 14 1/2 | 7 60@7 70 | 7 80@7 90 | 8 00@ 9 55 | 8 20@9 50 |
| 26..... | 13 1/2 | 14 1/2 | 7 60@7 70 | 7 80@7 90 | 8 00@ 9 55 | 8 20@9 50 |
| July 3..... | 13 1/2 | 14 1/2 | 8 10@8 20 | 7 80@7 90 | 8 50@10 05 | 8 20@9 50 |
| 10..... | 13 1/2 | 14 1/2 | 8 10@8 20 | 7 80@7 90 | 8 50@10 05 | 8 20@9 50 |
| 17..... | 13 1/2 | 14 1/2 | 8 10@8 20 | 7 80@7 90 | 8 50@10 05 | 8 20@9 50 |
| 24..... | 13 1/2 | 14 1/2 | 8 20@8 30 | 7 80@7 90 | 8 60@10 15 | 8 20@9 50 |
| 31..... | 13 1/2 | 14 1/2 | 8 35@8 45 | 7 80@7 90 | 8 75@10 30 | 8 20@9 50 |
| August 7..... | 13 1/2 | 14 1/2 | 8 85@8 95 | 7 50@7 60 | 9 25@10 80 | 7 90@9 20 |
| 14..... | 13 1/2 | 14 1/2 | 8 85@8 95 | 7 05@7 15 | 9 25@10 80 | 7 45@8 75 |
| 21..... | 13 1/2 | 14 1/2 | 8 85@8 95 | 7 05@7 15 | 9 25@10 80 | 7 45@8 75 |
| 28..... | 13 1/2 | 14 1/2 | 8 85@8 95 | 7 05@7 15 | 9 25@10 80 | 7 45@8 75 |
| September 4..... | 13 1/2 | 14 1/2 | 8 85@8 95 | 7 05@7 15 | 9 25@10 80 | 7 45@8 75 |
| 11..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 6 30@6 40 | 9 00@10 55 | 6 70@8 00 |
| 18..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 6 45@6 55 | 9 00@10 55 | 6 85@8 15 |
| 25..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 6 80@6 90 | 9 00@10 55 | 7 20@8 50 |
| October 2..... | 13 1/2 | 14 1/2 | 8 55@8 65 | 6 95@7 05 | 8 95@10 60 | 7 35@8 65 |
| 9..... | 13 1/2 | 14 1/2 | 8 55@8 65 | 7 20@7 30 | 8 95@10 50 | 7 60@8 90 |
| 16..... | 13 1/2 | 14 1/2 | 8 55@8 65 | 7 45@7 55 | 8 95@10 50 | 7 85@9 15 |
| 23..... | 13 1/2 | 14 1/2 | 8 55@8 65 | 7 60@7 70 | 8 95@10 50 | 8 00@9 30 |
| 30..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 60@7 70 | 9 00@10 55 | 8 00@9 30 |
| November 6..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 60@7 70 | 9 00@10 55 | 8 00@9 30 |
| 13..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 60@7 70 | 9 00@10 55 | 8 00@9 30 |
| 20..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 60@7 70 | 9 00@10 55 | 8 00@9 30 |
| December 4..... | 13 1/2 | 14 1/2 | 8 60@8 70 | 7 30@7 40 | 8 00@10 55 | 7 70@9 00 |
| 11..... | 13 1/2 | 14 1/2 | * | 7 30@7 40 | **800@ 8 50 | 7 70@9 00 |
| 18..... | 13 1/2 | 14 1/2 | * | 7 15@7 25 | **800@ 8 50 | 7 55@8 85 |
| 25..... | 13 1/2 | 14 1/2 | * | 7 05@7 15 | **800@ 8 50 | 7 45@8 75 |

**Beet Sugar.

*None in market.

PRICES OF MOLASSES.

Quotations for Prime to Strict Prime New Orleans Molasses, per gallon, at Cincinnati, monthly, in 1917:

| | | | | | | | |
|---------------|-------|------------|-------|-------------|-------|---------------|-------|
| January..... | 45@50 | April..... | 50@55 | July..... | 55@58 | October..... | 55@58 |
| February..... | 45@55 | May..... | 55@58 | August..... | 55@58 | November..... | 55@58 |
| March..... | 50@55 | June..... | 55@58 | September.. | 55@58 | December..... | 55@58 |

PRICES OF SUGAR AND MOLASSES.

Prices of the various kinds of Sugar, per pound, and of Molasses and Syrups, per gallon, at Cincinnati, at the close of December:

| SUGAR. | | | MOLASSES. | | |
|------------------------|-----------|-----------|----------------------------|-------|-------|
| KINDS. | 1917 | 1916 | KINDS. | 1917 | 1916 |
| New Orleans: | | | New Orleans—Open Kettle: | | |
| Clarified, white..... | 8.25 | 6.85@6.75 | Choice to fancy..... | 62@65 | 58@65 |
| Yellow..... | 8.00@8.25 | 6.00@6.40 | Prime to strict prime..... | 55@58 | 45@50 |
| common..... | 8.00 | 6.10@6.20 | Fair to prime..... | 50@53 | 36@42 |
| Refined: | | | New Orleans—Centrifugals: | | |
| Cubes..... | 10.00 | 7.85 | Choice to fancy..... | 45@48 | 27@34 |
| Powdered (Beet)..... | 8.50 | 7.45 | Prime to strict prime..... | 40@42 | 25@27 |
| Granulated (Beet)..... | 8.00 | 7.35 | Common to prime..... | 37@40 | 22@25 |
| "Off A"..... | 8.60@8.70 | 6.95@7.05 | Sorghum: | | |
| Extra "C"..... | 8.40@8.50 | 6.65 | Prime to choice..... | 80 | 45 |
| Yellow..... | | | Fair to good..... | 76 | 43 |

PRICES OF SOAP AND OILS.

Prices of leading kinds of Soap, at Cincinnati, at the close of December:

| KINDS. | 1917 | 1916 | 1915 | 1914 | 1913 |
|--|--------|--------------|--------------|--------------|--------------|
| Star, per box (60 lbs.)... | \$4 45 | \$3 25 @3 40 | \$3 15 @3 20 | \$3 05 @3 10 | \$3 20 @3 25 |
| Oleine, " (56 lbs.)... | 6 10 | 3 40 @3 50 | 3 05 @3 15 | 3 05 @3 15 | 3 20 @3 25 |
| White Naptha, " (69 lbs.)... | 5 65 | 4 10 @4 25 | 3 85 @3 90 | 2 70 @2 75 | 2 70 @2 75 |
| Extra Olive, per box (60 lbs.)... | 4 60 | 3 40 | 2 10 | 2 10 | 2 10 |
| Lenox, " (56 lbs.)... | 4 75 | 3 35 @3 50 | 3 00 @3 05 | 3 00 @3 05 | 3 15 @3 20 |
| Polo, " (52 lbs.)... | 4 80 | 2 50 @2 60 | 2 35 @2 40 | 2 80 | 2 80 |
| Ivory, " (62 lbs.)... | 9 20 | 6 80 @7 00 | 6 70 @6 75 | 6 70 @6 75 | 6 70 @6 75 |
| Castile, mottled, per lb. by the box.. | 20 | 19 | 14 | 10 | 10 |
| Castile, white, " by the box.. | 40 | 22 | 18 | 15 | 16 |

Prices of Oils under the head of Petroleum, per gallon, which are quoted by the Chamber of Commerce, at Cincinnati, at the close of December, as indicated:

| KINDS. | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 |
|-----------------------------------|------|---------|------|------|------|------|------|
| Carbon Oil, (Ohio Ref., St. Test) | 12½ | 8 | 10 | 9½ | 10 | 9½ | 9½ |
| " 150° W. W..... | 13 | 8½ | 10½ | 11 | 11½ | | 11 |
| " Special Grade.... | 14 | 9½ @10½ | 12 | 12 | 12½ | 12½ | 12½ |
| Fancy Grade..... | | | 22 | 17 | 17 | 17 | 17 |
| Gasoline, Motorcar..... | 25 | 20 | 19 | 19 | 19 | 19 | 19 |

PRICES OF PAPER.

Wholesale quotations for Paper, per pound, in large lots, at Cincinnati, at the close of December, for two years:

| KINDS. | 1917 | 1916 | KINDS. | 1917 | 1916 |
|-------------------------------------|--------|----------|-------------------------|--------|---------|
| Book, sized and super calendered... | 7½ @8½ | 11 @12 | Wrapping, rag..... | 2½ @ 3 | 4½ |
| Book, sized and calendered..... | 7 @8 | 10½ @11½ | Wrapping, straw..... | | 4 |
| Book, No. 3..... | 6½ @9 | 8½ | Writing, fine..... | 12 @15 | 14 @18½ |
| Manilla, No. 1..... | 6½ @7 | 10½ | Writing, superfine..... | 25 @26 | 23 @26 |
| Manilla, No. 2..... | 5 @5½ | 6½ | Writing, manilla..... | 8 @ 8½ | 9½ @11½ |
| News, print..... | 4½ | 8 | | | |

PRICES OF COTTON WARPS, ETC.

Prices of Warps, Wicking, Twine, Rope, Batting and Wadding, at Cincinnati, at the close of December, for years indicated:

| Stock. | 1917 | 1916 | 1915 | Stock | 1917 | 1916 | 1915 |
|--------------------------------|------|------|------|-------------------------|-------|------|-------|
| Carpet Warps, white, per lb. | 48 | 33 | 20 | Rope, 3-16 to 6 16 inch | | | |
| Carpet Warps, colored, per lb. | 56 | 41 | 27 | fine thread, per lb. | 40 | 18 | 18 |
| Candle Wicking, per lb. | 51 | 39 | 9@20 | Batting, per lb. | 30 | 18 | |
| Twine, Argonaut, per lb. | 51 | 33 | 20½ | Wadding, black, 2 lbs., | 35@40 | 30 | 20@35 |
| Twine Railroad, per lb. | 50 | 32 | 19½ | per doz. | | 30 | 20@35 |
| Searchlight Miners' Wick, | | | | Wadding, black, 1 lb., | | 40 | 23@35 |
| per lb. | 51 | 33 | 23 | per doz. | 35 | | |

NOTE.—Above prices based on sixty days' time. 2 per cent off if paid in ten days.

MONTHLY MOVEMENT OF COTTON.

Monthly receipts and shipments of Cotton, at Cincinnati, in bales, for years indicated:

| MONTHS. | RECEIPTS, bales. | | | | | SHIPMENTS, bales. | | | | |
|----------------|------------------|---------|---------|---------|---------|-------------------|---------|---------|---------|---------|
| | 1917 | 1916 | 1915 | 1914 | 1913 | 1917 | 1916 | 1915 | 1914 | 1913 |
| January..... | 17,833 | 28,256 | 34,417 | 39,455 | 34,604 | 15,117 | 31,987 | 39,225 | 28,101 | 28,314 |
| February..... | 8,986 | 20,147 | 42,903 | 29,211 | 27,874 | 9,188 | 17,969 | 22,951 | 26,327 | 22,064 |
| March..... | 6,899 | 34,046 | 45,079 | 30,167 | 19,143 | 3,823 | 23,930 | 30,426 | 20,756 | 12,769 |
| April..... | 1,957 | 25,483 | 35,814 | 19,723 | 10,742 | 4,742 | 35,394 | 39,818 | 13,735 | 3,384 |
| May..... | 8,887 | 22,745 | 37,390 | 18,283 | 11,278 | 9,697 | 24,094 | 23,023 | 16,120 | 9,364 |
| June..... | 8,869 | 23,378 | 14,717 | 10,754 | 8,158 | 7,053 | 24,583 | 13,186 | 9,855 | 8,002 |
| July..... | 14,011 | 15,461 | 10,966 | 10,525 | 8,825 | 12,905 | 11,094 | 8,672 | 9,136 | 6,110 |
| August..... | 15,253 | 12,713 | 4,049 | 4,335 | 5,646 | 10,769 | 12,589 | 5,374 | 3,207 | 3,501 |
| September..... | 7,270 | 5,816 | 3,965 | 2,669 | 3,405 | 3,245 | 6,695 | 5,262 | 2,290 | 5,919 |
| October..... | 13,686 | 14,507 | 25,712 | 15,163 | 10,055 | 15,540 | 18,517 | 28,082 | 21,475 | 14,567 |
| November..... | 5,644 | 38,135 | 25,999 | 29,489 | 33,968 | 11,900 | 33,215 | 31,716 | 30,801 | 32,412 |
| December..... | 24,919 | 76,518 | 60,637 | 61,120 | 46,634 | 10,181 | 44,348 | 49,595 | 67,772 | 43,322 |
| Totals..... | 134,214 | 317,205 | 341,648 | 270,894 | 220,332 | 114,160 | 284,415 | 297,330 | 249,575 | 180,728 |

PRICES OF COTTON.

Monthly range of prices of Middling Upland Cotton, per pound, at New York spot, fractions stated decimally during the year:

| MONTHS | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 |
|----------------|--------------|-------------|-------------|-------------|-------------|-------------|
| January..... | 16.75@18.80 | 11.80@12.60 | 7.90@8.70 | 12.30@13.05 | 12.85@13.40 | 9.35@9.70 |
| February..... | 14.30@17.05 | 11.20@12.15 | 8.35@8.70 | 12.55@13.05 | 12.50@13.05 | 9.90@10.70 |
| March..... | 17.00@19.30 | 11.45@12.15 | 8.25@9.80 | 13.00@13.75 | 12.40@12.90 | 10.35@10.90 |
| April..... | 19.35@21.15 | 11.95@12.20 | 9.80@10.60 | 13.00@13.50 | 11.70@12.60 | 10.85@12.00 |
| May..... | 19.60@22.10 | 12.30@13.35 | 9.50@10.40 | 12.90@14.50 | 11.80@12.10 | 11.30@11.90 |
| June..... | 22.65@27.40 | 12.65@13.45 | 9.45@9.85 | 13.25@13.75 | 11.70@12.50 | 11.40@11.90 |
| July..... | 24.60@27.65 | 12.90@13.30 | 8.90@9.60 | 12.50@13.25 | 11.95@12.45 | 11.65@13.40 |
| August..... | 23.10@28.00 | 13.35@16.40 | 9.20@9.85 | ..... | 11.90@12.70 | 11.25@13.10 |
| September..... | 21.20@26.30 | 15.15@16.30 | 9.75@12.40 | ..... | 12.75@14.30 | 11.45@11.95 |
| October..... | 25.25@29.90 | 16.60@19.30 | 11.85@12.75 | ..... | 13.50@14.50 | 10.75@11.70 |
| November..... | 28.75@31.25 | 18.75@20.95 | 11.60@12.50 | 17.50@7.75 | 13.30@14.10 | 11.75@13.10 |
| December..... | 29.85@31.85* | 16.20@20.30 | 11.95@12.75 | 7.25@7.80 | 12.50@13.50 | 12.75@13.20 |
| Year..... | 14.30@31.85 | 11.20@20.95 | 7.90@12.75 | 7.25@14.50 | 11.70@14.50 | 9.35@13.20 |

†—November 16 to close.

*—Highest price since September 14, 1869.

ANNUAL RECEIPTS AND SHIPMENTS OF COAL.

Annual receipts of Coal, in tons of 2,000 lbs., at Cincinnati, according to reports of gaugers, private returns, and records of the Chamber of Commerce, for 10 years:

| YEARS. | PITTSBURGH. (By River) | KANAWHA. (By River) | OTHER KINDS. (By River) | RECEIPTS. (By Rail) | ANTHRACITE. (By Rail) |
|-----------|---------------------------|------------------------|----------------------------|------------------------|--------------------------|
| 1908..... | 516,447 | 874,097 | 40,056 | 2,915,400 | 34,200 |
| 1909..... | 839,952 | 1,000,336 | 1,952 | 3,053,760 | 18,810 |
| 1910..... | 514,140 | 949,160 | 1,460 | 4,384,240 | 13,480 |
| 1911..... | 729,748 | 1,536,551 | ..... | 5,212,701 | 6,290 |
| 1912..... | 501,640 | 1,313,981 | ..... | 6,017,893 | 8,640 |
| 1913..... | 428,737 | 1,507,257 | ..... | 6,210,832 | 13,689 |
| 1914..... | 294,685 | 1,341,250 | ..... | 6,088,020 | 20,900 |
| 1915..... | 218,121 | 4,041,463 | ..... | 13,542,193 | 6,916 |
| 1916..... | 45,695 | 1,984,850 | ..... | 17,062,635 | 9,352 |
| 1917..... | 26,645 | 1,460,541 | ..... | 13,438,727 | 6,028 |

Total annual receipts, by River and by Rail, and aggregate receipts, with total annual shipments, by River and by Rail, and aggregate shipments, for 10 years:

| YEARS. | RECEIPTS. (By River) | RECEIPTS. (By Rail) | AGGREGATE. Receipts. | SHIPMENTS. (By River) | SHIPMENTS. (By Rail) | AGGREGATE. Shipments. |
|-----------|-------------------------|------------------------|-------------------------|--------------------------|-------------------------|--------------------------|
| 1908..... | 1,430,600 | 2,915,400 | 4,380,200 | 135,200 | 2,434,160 | 2,569,360 |
| 1909..... | 1,842,240 | 3,053,760 | 4,914,840 | 289,080 | 2,528,440 | 2,797,520 |
| 1910..... | 1,464,780 | 4,384,240 | 5,862,480 | 170,240 | 4,036,800 | 4,207,040 |
| 1911..... | 2,266,299 | 5,212,701 | 5,855,280 | 246,076 | 4,077,342 | 4,323,418 |
| 1912..... | 1,815,621 | 6,026,533 | 7,487,660 | 279,842 | 4,396,859 | 4,676,701 |
| 1913..... | 1,935,994 | 6,210,832 | 8,160,515 | 357,313 | 4,334,680 | 4,698,775 |
| 1914..... | 1,635,935 | 6,088,020 | 7,723,955 | 326,215 | 4,548,557 | 4,874,772 |
| 1915..... | 4,256,584 | 13,542,193 | 17,801,777 | 287,660 | 11,540,120 | 11,827,780 |
| 1916..... | 2,030,945 | 17,062,635 | 19,093,180 | 379,158 | 15,020,373 | 15,399,531 |
| 1917..... | 1,487,186 | 13,438,727 | 14,925,913 | 166,367 | 10,688,089 | 10,854,456 |

Total annual receipts and shipments of Coke, at Cincinnati, in tons of 2,000 pounds, for 10 years:

| | RECEIPTS | SHIPMENTS | LOCALLY MFRD. | | RECEIPTS | SHIPMENTS | LOCALLY MFRD. |
|-----------|----------|-----------|------------------|-----------|----------|-----------|------------------|
| 1908..... | 48,560 | 90,180 | 145,200 | 1913..... | 149,654 | 87,070 | 10,749 |
| 1909..... | 65,200 | 77,060 | 87,940 | 1914..... | 83,401 | 36,361 | 3,702 |
| 1910..... | 59,120 | 60,960 | 22,720 | 1915..... | 96,074 | 48,734 | 1,118 |
| 1911..... | 42,060 | 33,500 | 22,471 | 1916..... | 272,188 | 139,020 | |
| 1912..... | 107,644 | 48,120 | 15,934 | 1917..... | 190,986 | 94,144 | |

PRICES OF PIG IRON.

At the close of December 1917, the following prices were in effect on grades of pig iron enumerated all prices being on basis of 2240 pounds per gross ton:

| Kinds. | Price. | Kinds. | Price. |
|----------------------------------|---------|--|---------|
| Standard Bessemer..... | \$36.30 | Southern warm blast charcoal iron..... | \$43.00 |
| Malleable..... | 33.50 | Cold blast charcoal iron..... | 58.00 |
| Basic..... | 33.00 | Low phosphorus, copper contained..... | 50.00 |
| No. 2 foundry..... | 33.00 | Low phosphorus, copper free..... | 53.00 |
| Gray forge..... | 32.00 | 6% silicon silvery..... | 40.00 |
| Lake Superior charcoal iron..... | 35.50 | 10% bessemer ferro silicon..... | 55.00 |

The above are all base prices f. o. b. furnace; differentials to be added for increased silicon content.

LOW AND HIGH PRICES OF PIG IRON.

Lowest and highest quotations of No. 2 Southern Coke Foundry Iron, per ton, at Cincinnati, for years indicated:

| YEARS. | LOWEST. | | HIGHEST. | |
|----------|---------------|---------------------------------|---------------|------------------------------|
| | Quotations. | MONTHS. | Quotations. | MONTHS. |
| 1907.... | \$16 75@19 75 | December..... | \$22 75@26 50 | June. |
| 1908.... | 14 75@15 75 | May..... | 16 25@17 25 | January. |
| 1909.... | 14 25@15 25 | April..... | 17 75@18 25 | October, November, December. |
| 1910.... | 14 25@14 75 | September to December inclusive | 17 25@17 75 | January, February. |
| 1911.... | 13 25@14 00 | December..... | 14 25@14 75 | January to May inclusive. |
| 1912.... | 13 25@13 75 | January, February, March.... | 17 25@17 75 | November, December. |
| 1913.... | 14 25@14 75 | July and balance of year..... | 17 25@17 75 | January, February, March. |
| 1914.... | 12 65@13 50 | December..... | 14 00@14 25 | January to October. |
| 1915.... | 12 40@12 90 | April and May..... | 16 90@18 40 | December. |
| 1916.... | 17 40 | August, September and October.. | 27 90 | December. |
| 1917.... | 26 90 | January..... | 52 90@ | October. |

Lowest and highest quotations of No. 1 Hanging Rock Charcoal Iron, per ton, at Cincinnati, for years indicated:

| YEARS. | LOWEST. | | HIGHEST. | |
|----------|---------------|---------------------------------|---------------|------------------------------|
| | Quotations. | MONTHS. | Quotations. | MONTHS. |
| 1907.... | \$30 20@36 20 | August..... | \$33 20@36 20 | September to December. |
| 1908.... | 31 10@33 20 | December..... | 33 20@36 20 | January to April. |
| 1909.... | 31 10@33 10 | January..... | 33 70@34 70 | October, November, December. |
| 1910.... | 33 70@34 70 | January to August inclusive.... | 36 20 | October, November, December. |
| 1911.... | 36 20 | Entire year. | 36 20 | Entire year. |
| 1912.... | 36 20 | Entire year. | 36 20 | Entire year. |
| 1913.... | 36 20 | Entire year. | 36 20 | Entire year. |
| 1914.... | 26 20 | January to October..... | 36 26 | December. |
| 1915.... | 36 25 | April to end of year..... | 36 26 | Jan'y, Feb'y, March & April |
| 1916.... | 36 25 | Entire year. | 36 25 | Entire year. |
| 1917.... | 36 25 | January, February..... | 47 46 | May. |

SALES OF PIG IRON.

Annual sales of Pig Iron, at Cincinnati (including direct shipments), and approximate value of the same, in years ending December 31:

| YEARS. | Tons Sold. | Value. | YEARS. | Tons Sold. | Value. |
|-----------|-------------|--------------|-----------|-------------|--------------|
| 1906..... | \$1,780,000 | \$34,700,000 | 1912..... | \$1,779,000 | \$26,150,000 |
| 1907..... | 1,591,000 | 38,200,000 | 1913..... | 1,719,700 | 32,308,000 |
| 1908..... | 918,000 | 15,600,000 | 1914..... | 946,000 | 15,101,000 |
| 1909..... | 1,168,000 | 19,800,000 | 1915..... | 1,229,800 | 17,057,326 |
| 1910..... | 1,195,000 | 19,800,000 | 1916..... | 1,844,700 | 36,240,390 |
| 1911..... | 1,186,000 | 18,600,000 | 1917..... | 2,029,170 | 91,150,316 |

MONTHLY PRICES OF PIG IRON.

Range of monthly prices of Southern Coke, Lake Ore Coke and Hanging Rock Charcoal Pig Iron, per ton, at Cincinnati, in years indicated:

| MONTH | SOUTHERN COKE No. 2 FOUNDRY | | LAKE ORE COKE CHARCOAL | | HANGING ROCK CHARCOAL No. 1 | |
|----------------|--------------------------------|---------------|---------------------------|---------------|--------------------------------|---------|
| | 1917 | 1916 | 1917 | 1916 | 1917 | 1916 |
| January..... | \$26 90@27 90 | \$17 90@18 40 | \$32 25@33 25 | \$21 25@22 25 | \$36 25@... | \$36 25 |
| February..... | 26 90@28 90 | 17 90@18 40 | 32 25@38 75 | 21 25@22 25 | 36 25@... | 36 25 |
| March..... | 27 90@33 90 | 17 90@18 90 | 37 75@40 75 | 21 25@22 25 | 36 25@38 25 | 36 25 |
| April..... | 32 90@39 90 | 18 50@18 90 | 39 75@42 25 | 21 25@22 25 | 38 25@... | 36 25 |
| May..... | 37 90@42 90 | 17 90@18 90 | 39 75@52 25 | 21 25@22 25 | 38 75@47 46 | 36 25 |
| June..... | 40 90@47 40 | 17 90@18 40 | 47 25@57 75 | 21 25@22 25 | 46 26@47 26 | 36 25 |
| July..... | 46 90@52 90 | 17 90@18 40 | 54 75@62 25 | 21 25@22 25 | 46 26@47 26 | 36 25 |
| August..... | 51 90@52 90 | 17 40@18 40 | 57 25@62 25 | 21 25@22 25 | 46 26@47 26 | 36 25 |
| September..... | 50 90@52 90 | 17 40@17 90 | 57 25@62 25 | 21 25@22 25 | 46 26@47 26 | 36 25 |
| October..... | 50 90@52 90 | 17 40@17 90 | 57 25@62 25 | 21 25@23 25 | 46 26@47 26 | 36 25 |
| November..... | *..... | 18 90@24 40* | *..... | 22 25@30 25* | *..... | 36 25 |
| December..... | *..... | 25 90@27 90* | *..... | 29 25@33 25* | *..... | 36 25 |

* Regular quotations have been temporarily discontinued pending adjustment to the prices as fixed by the government. For prices at close of December, see page 113.

PRODUCTION AND PRICES OF BEER, ETC.

Annual production of Malt Liquors, representing barrels, in Cincinnati, Ohio, and Covington, Newport, etc., Kentucky, for calendar years indicated:

| YEARS. | CINCINNATI. | COVINGTON, ETC. | TOTALS. | YEARS. | CINCINNATI. | COVINGTON, ETC. | TOTALS. |
|-----------|-------------|--------------------|-----------|-----------|-------------|--------------------|-----------|
| 1898..... | 1,172,907 | 138,600 | 1,311,507 | 1908..... | 1,483,207 | 275,180 | 1,758,387 |
| 1899..... | 1,158,155 | 159,000 | 1,317,155 | 1909..... | 1,466,297 | 268,391 | 1,734,688 |
| 1900..... | 1,101,700 | 142,300 | 1,244,000 | 1910..... | 1,584,202 | 291,595 | 1,875,797 |
| 1901..... | 1,161,139 | 176,205 | 1,337,344 | 1911..... | 1,702,752 | 300,658 | 2,003,407 |
| 1902..... | 1,123,581 | 169,312 | 1,292,893 | 1912..... | 1,776,622 | 296,577 | 2,063,199 |
| 1903..... | 1,194,167 | 237,270 | 1,431,437 | 1913..... | 2,137,737 | 304,599 | 2,442,336 |
| 1904..... | 1,298,755 | 202,445 | 1,501,200 | 1914..... | 1,700,000 | 333,525 | 2,033,525 |
| 1905..... | 1,419,099 | 246,482 | 1,665,588 | 1915..... | 1,452,096 | 259,388 | 1,711,484 |
| 1906..... | 1,511,701 | 267,435 | 1,779,136 | 1916..... | 1,469,613 | 272,965 | 1,742,578 |
| 1907..... | 1,570,525 | 279,015 | 1,849,540 | 1917..... | 1,715,091 | 319,505 | 2,034,596 |

The tax on Beer was \$1.60 per barrel, less 7½ per cent, July 1, 1901, to July 1, 1902, then changed to \$1.00 After October 22, \$1.50 per barrel. After October 3, 1917 additional \$1.50 making tax \$3.00.

Relative prices of Ale, Beer and Porter, per barrel, at Cincinnati, at the close of December, in years indicated:

| ARTICLES. | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 |
|-----------------|--------|--------|-----------|------------|--------|--------|
| Ale..... | | \$8 50 | \$8 50 | *\$8 50 | \$8 00 | \$8 00 |
| Beer, Lager.... | \$8 80 | 6 50 | 6 00@6 50 | 6 00@*7 50 | 6 00 | 6 00 |
| Porter..... | 9 00 | 8 50 | 8 50 | 8 00@*8 50 | 8 00 | 8 00 |

* After October 22

PRODUCTION OF DISTILLED AND RECTIFIED SPIRITS.

Production of Distilled Spirits and Rectified Spirits, representing proof gallons, at Cincinnati and immediate vicinity (Covington, Newport, etc.):

| YEARS. | DISTILLED SPIRITS. | | | RECTIFIED SPIRITS. | | |
|-----------|--------------------|-----------|------------|--------------------|-----------|------------|
| | CINCINNATI. | VICINITY. | TOTAL. | CINCINNATI. | VICINITY. | TOTAL. |
| 1906..... | 9,542,736 | 1,378,630 | 10,921,366 | 14,137,002 | 1,245,593 | 15,382,595 |
| 1907..... | 9,665,203 | 3,494,105 | 13,159,308 | 12,800,255 | 450,680 | 13,250,935 |
| 1908..... | 7,032,568 | 2,133,320 | 9,165,888 | 9,822,135 | 762,937 | 10,585,072 |
| 1909..... | 6,895,715 | 3,084,003 | 9,979,718 | 10,291,987 | 526,763 | 10,818,750 |
| 1910..... | 5,932,006 | 5,532,233 | 11,464,239 | 11,078,583 | 594,088 | 11,672,671 |
| 1911..... | 7,043,606 | 4,912,732 | 11,956,338 | 10,935,681 | 675,791 | 11,611,472 |
| 1912..... | 8,022,577 | 4,394,315 | 12,396,892 | 10,862,555 | 742,963 | 11,605,518 |
| 1913..... | 9,414,641 | 3,129,951 | 12,544,592 | 11,000,945 | 704,560 | 11,705,505 |
| 1914..... | 6,778,542 | 3,838,728 | 10,617,270 | 7,661,177 | 650,065 | 8,311,242 |
| 1915..... | 6,743,436 | 1,146,712 | 7,890,148 | 6,286,867 | 563,523 | 6,850,391 |
| 1916..... | 9,328,252 | 5,966,530 | 15,294,783 | 7,532,260 | 762,957 | 8,295,218 |
| 1917..... | 8,564,627 | 1,726,805 | 10,291,432 | 950,216 | ..... | 950,216 |

PRICES OF SPIRITS.

Changes in basis price of Spirits, per proof gallon, at Cincinnati, in 1917, and previously, as indicated:

| | | | |
|-------------------------|--------------------------|-------------------------|-------------------------|
| December 30, 1912. 1 33 | September 17, 1914. 1 40 | November 24, 1916. 1 44 | June 15, 1917. 1 82 |
| February 19, 1913. 1 30 | October 2, 1914. 1 39 | January 1, 1917. 1 44 | June 26, 1917. 1 90 |
| August 20, 1913. 1 33 | December 31, 1914. 1 39 | March 7, 1917. 1 47 | July 3, 1917. 2 00 |
| December 22, 1913. 1 35 | December 31, 1915. 1 39 | April 17, 1917. 1 57 | July 14, 1917. 2 10 |
| January 2, 1914. 1 35 | January 1, 1916. 1 39 | April 27, 1917. 1 60 | August 10, 1917. 2 20 |
| August 22, 1914. 1 39 | February 19, 1916. 1 40 | May 15, 1917. 1 62 | September 8, 1917. 2 30 |
| September 8, 1914. 1 44 | October 21, 1916. 1 42 | June 5, 1917. 1 72 | October 4, 1917. 4 60 |

Average annual prices of Spirits, per proof gallon, at Cincinnati, as indicated:

| | | | |
|------------------|------------------|------------------|----------------|
| 1906.....\$1.288 | 1909.....\$1.357 | 1912.....\$1.359 | 1915.....1.39 |
| 1907.....1.312 | 1910.....1.324 | 1913.....1.31 | 1916.....1.404 |
| 1908.....1.358 | 1911.....1.34 | 1914.....1.365 | 1917.....2.444 |

YEARLY PRODUCTION AND RECEIPTS OF WHISKY.

Aggregate yearly production and receipts of Whisky, at Cincinnati, stated in gallons, and value of the same, for years indicated:

| YEARS. | Made and Received. | Total Value. | YEARS. | Made and Received. | Total Value. |
|-----------|--------------------|--------------|-----------|--------------------|--------------|
| 1906..... | 21,463,366 | \$27,242,000 | 1912..... | 21,449,132 | \$29,170,887 |
| 1907..... | 22,690,956 | 29,183,520 | 1913..... | 21,661,328 | 28,706,307 |
| 1908..... | 17,956,320 | 23,436,232 | 1914..... | 18,471,654 | 25,213,807 |
| 1909..... | 20,128,118 | 26,234,963 | 1915..... | 18,242,453 | 22,577,009 |
| 1910..... | 23,319,230 | 29,946,562 | 1916..... | 30,563,009 | 22,910,464 |
| 1911..... | 21,423,340 | 28,707,114 | 1917..... | 13,521,000 | 33,047,000 |

LEAF TOBACCO TRADE.

Total annual receipts, offerings, rejections, and sales of Leaf Tobacco, at the Cincinnati warehouses, for calendar years indicated:

| YEARS. | RECEIPTS. | | OFFERINGS. | | REJECTIONS. | | SALES. | |
|-----------|-----------|--------|------------|--------|-------------|--------|--------|--------|
| | Hhds. | Cases. | Hhds. | Cases. | Hhds. | Cases. | Hhds. | Cases. |
| 1908..... | 38,099 | *..... | 25,455 | *..... | 3,726 | *..... | 21,729 | *..... |
| 1909..... | 11,702 | 2,700 | 5,381 | 3,500 | 990 | 800 | 4,391 | 2,700 |
| 1910..... | 24,360 | *..... | 21,686 | *..... | 4,474 | *..... | 17,212 | *..... |
| 1911..... | 41,022 | *..... | 43,133 | *..... | 10,061 | *..... | 33,072 | *..... |
| 1912..... | 43,965 | *..... | 61,853 | *..... | 9,600 | *..... | 42,253 | *..... |
| 1913..... | 19,831 | *..... | 30,406 | *..... | 5,752 | *..... | 24,654 | *..... |
| 1914..... | 15,136 | *..... | 21,268 | *..... | 4,668 | *..... | 16,600 | *..... |
| 1915..... | 20,735 | *..... | 23,830 | *..... | 6,084 | *..... | 17,746 | *..... |
| 1916..... | 9,746 | *..... | 15,790 | *..... | 3,530 | *..... | 12,260 | *..... |
| 1917..... | 4,614 | *..... | 3,900 | *..... | 505 | *..... | 3,415 | *..... |

*Not reported. Private Sales in 1912, 4,070 hogsheads; 1910, 901 hogsheads; 1914, 790 hogsheads.

Stocks of Leaf Tobacco in Cincinnati warehouses on January 1:

| PACKAGES. | 1918 | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 | 1911 | 1910 | 1909 | 1908 |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|
| Hogsheads..... | 690 | 3,999 | 10,230 | 8,779 | 11,069 | 17,975 | 18,555 | 9,767 | 4,312 | 14,234 | 11,278 |
| Cases..... | *..... | *..... | *..... | *..... | *..... | *..... | *..... | *..... | 600 | *..... | *..... |

*Not reported.

MANUFACTURE OF TOBACCO AND CIGARS.

Quantity of Chewing and Smoking Tobacco, representing pounds, and number of Cigars, manufactured yearly, at Cincinnati, and at Covington and Newport:

| YEARS. | CHEWING AND SMOKING TOBACCO. | | | PRODUCTION OF CIGARS. | | |
|-----------|------------------------------|------------------------|------------|-----------------------|-------------------------|-------------|
| | CINCINNATI | COVINGTON AND NEWPORT. | TOTAL LBS. | CINCINNATI. | COVINGTON. AND NEWPORT. | TOTAL |
| 1906..... | 7,538,078 | 3,174,879 | 10,712,957 | 177,830,850 | 10,588,143 | 188,418,993 |
| 1907..... | 4,849,527 | 3,420,288 | 8,269,815 | 167,517,960 | 7,472,182 | 174,990,142 |
| 1908..... | 6,309,835 | 3,614,126 | 9,923,961 | 123,901,000 | 6,466,983 | 130,367,983 |
| 1909..... | 8,420,683 | 3,320,983 | 11,741,666 | 134,902,090 | 6,712,383 | 141,614,473 |
| 1910..... | 1,841,693 | 2,977,767 | 4,819,460 | 129,907,310 | 6,469,633 | 136,376,943 |
| 1911..... | 2,117,442 | 2,770,051 | 4,887,493 | 124,014,230 | 6,980,970 | 130,995,200 |
| 1912..... | 4,577,309 | 2,767,908 | 7,345,217 | 122,688,506 | 6,328,680 | 128,997,186 |
| 1913..... | 3,139,048 | 2,750,357 | 5,889,405 | 192,075,080 | 12,661,651 | 204,736,731 |
| 1914..... | 2,400,009 | 2,384,072 | 4,784,681 | 107,341,320 | 5,787,114 | 113,128,434 |
| 1915..... | 2,291,226 | 2,775,331 | 5,066,557 | 101,207,167 | 4,640,235 | 105,747,402 |
| 1916..... | 33,192,195 | 2,513,154 | 35,705,349 | 120,355,500 | 4,176,000 | 124,531,500 |
| 1917..... | 37,054,658 | 2,502,960 | 39,537,618 | 210,630,500 | 5,758,000 | 216,388,500 |

CROPS OF THE UNITED STATES.

Estimates on the leading crops of 1917 as published by the Agricultural Department compared with the revised figures of the past eleven years:

| MONTHS | CORN | WHEAT | OATS | BARLEY | RYE | COTTON |
|-------------------------------|---------------|---------------|---------------|-------------|------------|------------|
| | Bushels | Bushels | Bushels | Bushels | Bushels | Bales |
| 1917..... | 3,159,494,000 | 650,828,000 | 1,587,286,000 | 208,975,000 | 60,145,000 | 10,940,000 |
| 1916..... | 2,566,927,000 | 636,318,000 | 1,251,837,000 | 182,309,000 | 48,862,000 | 11,449,930 |
| 1915..... | 3,054,535,000 | 1,011,505,000 | 1,540,362,000 | 237,009,000 | 49,190,000 | 11,161,000 |
| 1914..... | 2,672,804,000 | 891,017,000 | 1,141,060,000 | 194,953,000 | 42,779,000 | 16,135,000 |
| 1913..... | 2,446,988,000 | 763,380,000 | 1,121,768,000 | 178,189,000 | 41,381,000 | 14,156,000 |
| 1912..... | 3,124,746,000 | 730,267,000 | 1,418,337,000 | 223,824,000 | 35,664,000 | 13,703,000 |
| 1911..... | 2,531,488,000 | 621,338,000 | 922,298,000 | 160,240,000 | 33,119,000 | 15,693,000 |
| 1910..... | 2,886,260,000 | 635,121,000 | 1,80,513,000 | 173,832,000 | 34,897,000 | 11,609,000 |
| 1909..... | 2,553,190,000 | 683,350,000 | 1,007,129,000 | 173,321,000 | 29,520,000 | 10,005,000 |
| 1908..... | 2,668,651,000 | 664,602,000 | 807,156,000 | 166,756,000 | 31,851,000 | 13,242,000 |
| 1907..... | 2,592,320,000 | 634,087,000 | 751,443,000 | 153,317,000 | 31,506,000 | 11,107,000 |
| 1906..... | 2,927,416,091 | 735,260,970 | 964,904,522 | 178,916,484 | 33,374,833 | 13,274,000 |
| | 1912 | 1915 | 1915 | 1915 | 1915 | 1914 |
| Highest Previous Records..... | 3,124,746,000 | 1,011,505,000 | 1,540,362,000 | 237,009,000 | 49,190,000 | 16,135,000 |

500 gross weight bales, excluding linters.

BANK CLEARINGS.

Monthly Clearings at the Cincinnati Clearing House, representing actual exchanges brought to the Clearing House:

| MONTHS. | 1917 | 1916 | 1915 | 1914 | 1913 | 1912 |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| January..... | \$181,703,582 | \$140,878,450 | \$112,557,300 | \$137,401,350 | \$128,265,900 | \$121,309,500 |
| February..... | 145,093,771 | 122,749,950 | 93,624,150 | 101,253,650 | 104,972,450 | 99,802,050 |
| March..... | 174,121,782 | 149,509,100 | 113,045,150 | 119,215,700 | 109,147,350 | 115,107,850 |
| April..... | 166,945,198 | 134,562,550 | 110,612,300 | 109,913,300 | 108,199,100 | 123,558,100 |
| May..... | 165,904,254 | 143,328,050 | 105,070,350 | 104,757,200 | 106,555,700 | 125,887,200 |
| June..... | 167,421,560 | 151,362,650 | 107,107,650 | 110,380,550 | 108,461,900 | 107,610,700 |
| July..... | 185,842,087 | 144,659,800 | 118,992,900 | 120,016,050 | 113,450,650 | 116,227,300 |
| August..... | 178,747,950 | 131,506,650 | 108,984,150 | 100,720,350 | 101,076,300 | 106,199,700 |
| September..... | 163,469,318 | 144,179,700 | 108,423,350 | 93,976,750 | 103,128,850 | 107,102,750 |
| October..... | 177,682,756 | 160,679,100 | 125,483,800 | 99,089,750 | 113,908,050 | 113,859,400 |
| November..... | 166,881,398 | 162,271,110 | 131,292,750 | 91,184,000 | 100,612,800 | 111,277,750 |
| December..... | 156,328,159 | 162,044,294 | 138,661,750 | 105,458,400 | 119,433,250 | 121,272,700 |
| Totals. . . . | \$2,030,181,819 | \$1,747,731,404 | \$1,373,855,600 | \$1,293,387,050 | \$1,317,212,300 | \$1,369,215,000 |

BANKING STATISTICS OF CINCINNATI.

| | 1917 | 1916 * | 1915 |
|---|---------------|---------------|---------------|
| Bank Capital..... | \$ 20,045,000 | \$ 19,455,000 | \$ 19,360,000 |
| Bank Surplus and Undivided Profits..... | 17,996,000 | 17,145,000 | 16,490,000 |
| Bank Deposits..... | 184,001,000 | 177,079,000 | 147,900,000 |
| Bank Loans..... | 112,293,000 | 104,352,000 | 91,968,000 |
| Bank Total Assets..... | 241,165,000 | 225,975,000 | 195,900,000 |

* Close of Business, December 27, 1916.

EXPORTS OF DOMESTIC PRODUCTS.

Exports of indicated domestic products from the United States, by quantities for years ending June 30:

| ARTICLES. | 1916-17 | 1915-16 | 1914-15 | 1913-14 | 1912-13 |
|---|---------------|---------------|---------------|---------------|---------------|
| Coal Anthracite, tons..... | 4,641,138 | 3,878,478 | 3,082,188 | ..... | ..... |
| Coal Bituminous, tons..... | 19,628,048 | 18,749,684 | 14,412,995 | ..... | ..... |
| Coke, tons..... | 1,170,824 | 976,398 | 602,473 | ..... | ..... |
| Cotton, lbs..... | 3,088,067,205 | 3,084,070,125 | 4,403,578,499 | 4,760,940,538 | 4,562,295,675 |
| Wheat, bushels..... | 149,837,427 | 173,274,015 | 259,642,533 | 92,393,775 | 91,602,974 |
| Wheat, flour barrels..... | 11,942,505 | 15,520,660 | 16,182,765 | 11,821,461 | 11,394,805 |
| Corn, bushels..... | 64,720,742 | 38,217,012 | 48,786,291 | 9,380,855 | 49,004,967 |
| Oats, bushels..... | 85,944,401 | 95,918,884 | 96,809,651 | 1,859,949 | 33,759,177 |
| Bacon, lbs..... | 667,156,061 | 579,808,786 | 346,718,227 | 193,964,252 | 200,993,584 |
| Hams and Shoulders, lbs..... | 266,655,581 | 282,208,611 | 203,701,114 | 165,881,791 | 159,544,687 |
| Pork, pickled, lbs..... | 47,001,621 | 63,460,713 | 45,655,574 | 45,543,085 | 53,749,023 |
| Pork, fresh, lbs..... | 50,429,275 | 63,005,524 | 3,908,193 | 2,668,020 | 2,457,907 |
| Pork, canned, lbs..... | 5,898,126 | 9,610,732 | 4,644,418 | 3,074,303 | 4,148,343 |
| Lard, lbs..... | 444,787,521 | 427,011,338 | 475,531,908 | 481,457,792 | 519,025,384 |
| Beef, fresh, lbs..... | 197,181,101 | 231,214,000 | 170,440,934 | 6,394,404 | 7,362,388 |
| Beef, pickled and other cured, lbs..... | 58,693,667 | 38,114,682 | 31,874,743 | 23,265,974 | 25,856,919 |
| Beef, canned, lbs..... | 67,576,725 | 50,803,765 | 75,243,261 | 3,464,733 | 6,840,348 |
| Cattle, number..... | 13,387 | 21,287 | 5,484 | 18,376 | 24,714 |
| Hogs, number..... | 21,936 | 22,048 | 7,799 | 10,122 | 15,332 |
| Sheep, number..... | 58,752 | 52,278 | 47,213 | 152,000 | 187,132 |
| Horses and Mules, number..... | 415,363 | 469,468 | 355,128 | ..... | ..... |
| Tallow, lbs..... | 15,256,844 | 16,288,743 | 20,239,988 | 15,812,831 | 30,586,350 |
| Butter, lbs..... | 26,835,092 | 13,487,481 | 9,850,704 | 3,693,597 | 3,585,600 |
| Cheese, lbs..... | 66,087,213 | 44,394,301 | 55,362,917 | 2,427,577 | 2,599,058 |
| Oleomargarine, lbs..... | 5,651,267 | 5,426,221 | 5,252,183 | 2,532,821 | 2,967,582 |
| Oleo, oil, lbs..... | 67,113,421 | 102,645,914 | 80,481,946 | 97,017,065 | 92,849,757 |
| Lard Compounds, lbs..... | 56,279,303 | 52,843,311 | 69,980,614 | 58,303,564 | 67,456,832 |

STATISTICAL STORY OF 1917.

(From Bradstreet's Annual Review.)

AGRICULTURAL YIELDS.

| | Yields, 1917 | Change from 1916 | Past Records. | Year. |
|---|-----------------|---------------------|---------------|-------|
| Corn, bushels..... | 3,159,494,000 | Inc. 23.1 | 3,124,746,000 | 1912 |
| Winter wheat, bushels..... | 418,070,000 | Dec. 12.9 | 684,990,000 | 1914 |
| Spring wheat, bushels..... | 232,758,000 | Inc. 49.4 | 351,854,000 | 1915 |
| Total wheat, bushels..... | 650,828,000 | Inc. 2.2 | 1,025,801,000 | 1915 |
| Oats, bushels..... | 1,587,286,000 | Inc. 26.8 | 1,549,030,000 | 1915 |
| Barley, bushels..... | 208,975,000 | Inc. 14.5 | 228,851,000 | 1915 |
| Rye, bushels..... | 60,145,000 | Inc. 23.1 | 54,050,000 | 1915 |
| Rice, bushels..... | 36,278,000 | Dec. 12.3 | 41,982,000 | 1916 |
| Buckwheat, bushels..... | 17,460,000 | Inc. 50.0 | 22,792,000 | 1866 |
| Total, seven cereals, bushels..... | 5,720,466,000 | Inc. 20.7 | 5,896,528,000 | 1915 |
| Flaxseed, bushels..... | 8,473,000 | Dec. 40.7 | 29,285,000 | 1902 |
| Potatoes, bushels..... | 442,536,000 | Inc. 54.0 | 420,647,000 | 1912 |
| Tobacco, pounds..... | 1,196,451,000 | Inc. 3.7 | 1,153,278,000 | 1916 |
| Cotton, bales (500-pound, excluding linters)..... | 10,949,000 | Dec. 4.3 | 16,135,000 | 1914 |
| Sugar beets, tons..... | 6,237,000 | Inc. .1 | 6,671,000 | 1916 |
| Sweet potatoes, bushels..... | 87,141,000 | Inc. 22.8 | 75,639,000 | 1915 |
| Hay, tame, tons..... | 79,528,000 | Dec. 12.5 | 91,192,000 | 1916 |
| Hay, wild, tons..... | 15,402,000 | Dec. 22.2 | 21,345,000 | 1915 |
| Apples, barrels..... | 58,203,000 | Dec. 14.5 | 84,400,000 | 1914 |
| Hops, pounds..... | 27,788,000 | Dec. 45.1 | 52,986,000 | 1915 |
| Beans, bushels..... | 15,701,000 | Inc. 46.5 | 10,321,000 | 1915 |
| Kaffirs, bushels..... | 75,866,000 | Inc. 40.9 | 114,490,000 | 1915 |
| Onions, bushels..... | 13,554,000 | Inc. 73.5 | 7,663,712 | 1915 |
| Cabbage, tons..... | 502,700 | Inc. 99.0 | 670,631 | 1915 |
| Cranberries, barrels..... | 245,000 | Dec. 92.2 | 441,000 | 1915 |
| Peaches, bushels..... | 45,066,000 | Inc. 20.1 | 64,097,000 | 1915 |
| Pears, bushels..... | 13,281,000 | Inc. 11.8 | 11,216,000 | 1915 |
| Oranges, boxes..... | 12,832,000 | Dec. 47.4 | 23,835,000 | 1916 |

AGRICULTURAL VALUES.

| | Value 1917 | Change from 1916 | Past records. | Year. |
|-----------------------------|------------------|---------------------|-----------------|-------|
| Corn..... | \$4,053,672,000 | Inc. 77.7 | \$2,280,729,000 | 1916 |
| Winter wheat..... | 848,372,000 | Inc. 4.7 | 781,906,000 | 1916 |
| Spring wheat..... | 459,046,000 | Inc. 92.8 | 304,154,000 | 1915 |
| Total wheat..... | 1,307,418,000 | Inc. 28.1 | 1,019,968,000 | 1916 |
| Oats..... | 1,061,427,000 | Inc. 61.7 | 655,928,000 | 1916 |
| Barley..... | 237,539,000 | Inc. 42.0 | 160,646,000 | 1916 |
| Rye..... | 100,025,000 | Inc. 67.7 | 59,676,000 | 1916 |
| Rice..... | 68,717,000 | Inc. 87.4 | 36,673,000 | 1916 |
| Buckwheat..... | 27,954,000 | Inc. 112.0 | 16,812,000 | 1867 |
| Total, seven cereals..... | \$6,856,752,000 | Inc. 62.2 | \$4,226,767,000 | 1916 |
| Flaxseed..... | \$25,146,000 | Dec. 29.2 | \$35,541,000 | 1916 |
| Potatoes..... | 543,865,000 | Inc. 29.5 | 419,333,000 | 1916 |
| Tobacco..... | 297,442,000 | Inc. 75.7 | 169,672,000 | 1916 |
| Cotton..... | 1,451,819,000 | Inc. 29.4 | 1,122,295,000 | 1916 |
| Sweet Potatoes..... | 96,121,000 | Inc. 60.0 | 60,141,000 | 1916 |
| Sugar beets..... | 45,780,000 | Inc. 18.4 | 38,115,000 | 1916 |
| Apples..... | 213,057,000 | Inc. 14.5 | 186,575,000 | 1916 |
| Hay, tame..... | 1,359,491,000 | Inc. 32.9 | 1,022,930,000 | 1916 |
| Hay, wild..... | 207,834,000 | Inc. 32.6 | 156,503,000 | 1916 |
| Beans..... | 102,426,000 | Inc. 89.0 | 54,686,000 | 1916 |
| Kaffirs..... | 121,842,000 | Inc. 113.0 | 57,027,000 | 1916 |
| Onions..... | 22,523,000 | Inc. 92.3 | 11,708,000 | 1916 |
| Cabbage..... | 17,080,000 | Inc. 49.0 | 13,020,000 | 1915 |
| Hops..... | 9,363,000 | Inc. 54.2 | 6,203,000 | 1915 |
| Peaches..... | 61,245,000 | Inc. 44.6 | 51,278,000 | 1915 |
| Pears..... | 15,379,000 | Inc. 39.7 | 11,078,000 | 1916 |
| Oranges..... | 33,398,000 | Dec. 45.7 | 61,463,000 | 1916 |
| Total, 24 crops..... | \$11,480,563,000 | Inc. 50.2 | \$7,704,335,000 | 1916 |
| Total all farm produce..... | 21,000,000,000 | Inc. 57.0 | 13,448,310,509 | 1916 |

FINANCE AND INDUSTRY.

| | 1917 | Change from 1916 | Past records. | Year. |
|---|-------------------|---------------------|-------------------|-------|
| Bank clearings, United States..... | \$304,398,648,746 | Inc. 17.2 | \$259,968,841,075 | 1916 |
| Bank clearings, New York..... | \$177,404,965,589 | Inc. 11.2 | \$159,580,648,590 | 1916 |
| Bank clearings outside New York..... | \$126,993,683,157 | Inc. 26.4 | \$100,388,192,485 | 1916 |
| Bank transactions (estimated)..... | \$760,000,000,000 | Inc. 17.0 | \$650,000,000,000 | 1916 |
| Imports of merchandise (eleven months)..... | \$2,724,567,483 | Inc. 24.6 | \$2,186,801,147 | 1916 |
| Exports of merchandise (eleven months)..... | \$5,638,829,711 | Inc. 13.6 | \$4,959,407,321 | 1916 |
| Total foreign trade (eleven months)..... | \$8,363,397,194 | Inc. 17.2 | \$7,146,208,468 | 1916 |

STATISTICAL STORY OF 1917—Continued.

| | 1917 | Change from 1916 | Past Records | Year. |
|---|-----------------|---------------------|-----------------|-------|
| Exports of gold (eleven months)..... | \$367,345,748 | Inc. 190.0 | \$222,485,232 | 1915 |
| Imports of gold (eleven months)..... | \$535,388,500 | Inc. 1.5 | \$527,369,553 | 1916 |
| Gold produced, value..... | \$84,456,800 | Dec. 8.5 | \$101,035,700 | 1915 |
| Silver produced, ounces..... | 74,244,500 | Inc. 1.7 | 74,961,075 | 1915 |
| Circulation December 1, total..... | \$5,085,370,352 | Inc. 18.1 | \$4,303,995,234 | 1916 |
| Circulation per capita..... | \$48.50 | Inc. 16.2 | \$41.73 | 1916 |
| New York stock sales, shares..... | 184,536,370 | Dec. 20.0 | 283,662,848 | 1906 |
| New York bond sales, value..... | \$1,052,347,009 | Dec. 8.6 | \$1,311,874,700 | 1909 |
| New domestic securities issued..... | \$1,529,970,200 | Dec. 30.0 | \$2,186,499,900 | 1916 |
| Foreign securities sold here..... | \$805,000,000 | Dec. 41.0 | \$1,381,000,000 | 1916 |
| Business failures, number..... | 13,077 | Dec. 20.7 | 19,035 | 1915 |
| Failure liabilities..... | \$165,732,155 | Dec. 5.4 | \$383,711,658 | 1907 |
| Fire losses..... | \$267,273,300 | Inc. 15.6 | \$459,710,000 | 1906 |
| Railway gross earnings (ten months)..... | \$3,210,564,647 | Inc. 10.6 | \$2,864,427,189 | 1916 |
| Railway net earnings (ten months)..... | \$974,225,628 | Dec. 2.0 | \$994,402,012 | 1916 |
| Price Index (BRADSTREET'S), December 1..... | \$17.81 | Inc. 30.3 | \$13.66 | 1916 |
| Incorporations in eastern states..... | \$3,693,243,700 | Inc. 38.4 | \$3,714,105,000 | 1901 |
| Life insurance written..... | \$1,483,802,292 | Inc. 19.1 | \$1,245,443,356 | 1916 |
| Brass exports (nine months)..... | \$224,217,816 | Dec. 5.8 | \$238,042,065 | 1916 |
| Wheat exports (nine months)..... | \$212,213,444 | Inc. 39.0 | \$231,212,684 | 1915 |
| Wheat flour exports (nine months)..... | \$84,289,223 | Inc. 30.3 | \$272,914,584 | 1915 |
| All breadstuffs exports (nine months)..... | \$470,161,837 | Inc. 39.2 | \$423,361,004 | 1915 |
| Copper exports (nine months)..... | \$271,469,903 | Inc. 60.6 | \$169,025,822 | 1916 |
| Cotton exports (nine months)..... | \$372,738,458 | Inc. 14.8 | \$324,412,909 | 1916 |
| Explosive exports (nine months)..... | \$524,377,415 | Dec. 1.5 | \$532,732,527 | 1916 |
| Iron and steel exports (nine months)..... | \$911,426,778 | Inc. 46.6 | \$621,597,967 | 1916 |
| Meat and dairy products exports (nine months)..... | \$332,773,830 | Inc. 47.2 | \$226,063,175 | 1916 |
| Horse and mule exports (nine months)..... | \$40,539,215 | Dec. 37.6 | \$93,718,749 | 1915 |
| Automobile exports (nine months)..... | \$85,447,174 | Dec. 5.9 | \$90,809,017 | 1916 |
| Chemicals, etc., exports (nine months)..... | \$141,203,739 | Inc. 16.7 | \$121,085,164 | 1916 |
| Coal exports (nine months)..... | \$103,512,229 | Inc. 43.3 | \$72,196,163 | 1916 |
| Cotton goods exports (nine months)..... | \$105,022,273 | Inc. 10.3 | \$95,150,008 | 1916 |
| Leather and manufactures exports (nine months)..... | \$83,764,495 | Dec. 27.4 | \$124,389,793 | 1915 |
| Oil, mineral, exports (nine months)..... | \$171,887,707 | Inc. 10.7 | \$155,215,048 | 1916 |
| Building expenditure..... | \$719,600,000 | Dec. 27.8 | \$996,754,876 | 1916 |
| Iron-ore shipments by lake, tons..... | 62,498,901 | Dec. 3.4 | 64,734,198 | 1916 |
| Lake commerce, tons..... | 89,813,898 | Dec. 2.2 | 91,888,219 | 1916 |
| Unfilled United States Steel orders, tons, Nov. 30..... | 8,897,106 | Dec. 19.5 | 11,058,542 | 1916 |
| Cotton consumption (eleven months), bales..... | 6,315,407 | Inc. 3.8 | 6,084,756 | 1916 |
| Lumber receipts (Chicago), year to date, feet..... | 3,307,229,000 | Inc. 11.6 | 2,966,479,000 | 1916 |
| Pig-iron production, tons..... | 38,898,000 | Dec. 1.4 | 39,450,000 | 1916 |
| Bituminous coal produced (eleven months), tons..... | 502,000,000 | Inc. 9.1 | 458,420,810 | 1916 |
| Anthracite coal shipments, tons..... | 78,156,160 | Inc. 16.0 | 69,954,000 | 1911 |
| Alien immigrants arrived (estimated)..... | 158,527 | Dec. 55.0 | 1,387,318 | 1913 |

STATISTICS OF CINCINNATI.

| | 1917 | 1916 |
|--|---|-----------------|
| Area, Square Miles..... | 71.137 | 70.98 |
| Mileage different kinds improved Streets..... | | |
| Granite..... | 89.97 | 89.24 |
| Brick..... | 88.13 | 87.50 |
| Asphalt..... | 43.66 | 43.53 |
| Boulder..... | 38.44 | 39.00 |
| Wood Block..... | 19.78 | 19.38 |
| Macadam..... | 316.18 | 316.40 |
| Bitulitic..... | 9.87 | 9.09 |
| Tarvis..... | 8.30 | 6.94 |
| Limestone..... | 2.84 | 2.87 |
| Concrete..... | 0.52 | .23 |
| Miscellaneous..... | 3.84 | 3.61 |
| Death Rate..... | 16.28 | 16.41 |
| Births..... | 7,837 | 7,890 |
| Decrease..... | 43 | 220 |
| Deaths..... | 6,743 | 6,735 |
| Increase..... | 8 | 307 |
| Total Water pumped, gallons..... | 20,193,160.602 | 19,195,809.388 |
| Extension of Water Mains..... | 8.2 miles | 14.519 |
| Total Bonded Debt..... | \$74,617,744.94 | \$72,584,014.04 |
| Debt, on which income exceeds all charges..... | | |
| Cincinnati Southern Railway..... | 14,932,000.00 | 14,932,000.00 |
| Railroad Terminals..... | 3,050,000.00 | 3,050,000.00 |
| Waterworks..... | 14,648,430.44 | 14,527,530.48 |
| Street and Sewer Assessment..... | 1,452,613.31 | 1,757,520.99 |
| Sinking Fund other than Water and Railway..... | 9,695,821.37 | 8,924,606.16 |
| " " for Water and Railway Bonds..... | \$4,861,274.22 | \$43,191,657.63 |
| Bonded Debt not entirely Self-Supporting..... | \$30,838,879.79 | \$29,362,356.41 |
| Total Municipal Receipts..... | 13,144,034.82 | 13,029,564.92 |
| " " Disbursements..... | 12,466,985.87 | 13,923,308.87 |
| Balance January 1, 1918..... | 5,456,245.81 | 4,769,196.86 |
| Property Valuation Municipal Assets..... | | |
| Tax Rate 1 1/2% the limit fixed by law..... | 1.50 | 1.552 |
| Number of Properties..... | 85 | 85 |
| Park Area, (Acres)..... | 2,613.82 | 2,550.00 |
| Supervised Playgrounds..... | 21 | 21 |
| Playground Attendance on Playgrounds..... | 1,755,250 | 1,755,250 |
| Number of Athletic Fields..... | 21 | 21 |
| Containing..... | 32 Baseball Diamonds, 3 Nine Hole Golf Courses, 20 Tennis Courts. | |
| Police Department, (Number of Men)..... | 758 | 727 |
| Fire Department..... | 565 | 565 |
| Public High Schools..... | 6 | 6 |
| Elementary Schools..... | 59 | 59 |
| Kindergartens..... | 59 | 59 |
| Special Schools..... | 10 | 10 |
| Night High Schools..... | 2 | 2 |
| Night Elementary Schools..... | 6 | 6 |
| Day Elementary Schools, Enrollment..... | 49,159 | 45,304 |
| Day High Schools..... | 5,345 | 4,946 |
| Night Elementary Schools..... | 2,377 | 2,282 |
| Night High Schools..... | 6,054 | 7,145 |
| Total Public School Enrollment..... | 62,935 | 61,398 |
| Number of Teachers, Day..... | 1,597 | 1,629 |
| Parochial Schools..... | 53 | 54 |
| Special Schools..... | 2 | 2 |
| Catholic Night High Schools..... | 1 | 1 |
| Catholic High Schools and Academies..... | 13 | 12 |
| Parochial School Enrollment..... | 17,339 | 16,944 |
| " " High School and Academies..... | 1,402 | 1,562 |
| Catholic Night High School Enrollment..... | 120 | 177 |
| Total Catholic School Enrollment..... | 20,213 | 18,683 |
| Parochial School Teachers..... | 670 | 659 |
| Public Library Branches..... | 24 | 24 |
| " " Volumes..... | 525,801 | 510,138 |
| Total Library Circulation..... | 2,292,581 | 2,411,818 |
| Books..... | 1,733,310 | 1,713,134 |
| Pictures..... | 425,092 | 518,505 |
| Lantern Slides..... | 112,611 | 146,016 |
| Musical Rolls..... | 21,568 | 39,163 |
| Sent to Agencies..... | 38,111 | 44,233 |
| United States Internal Revenue Receipts..... | | |
| Beer..... | \$3,609,802.41 | \$2,613,866.50 |
| Distilled Spirits..... | 13,489,148.17 | 15,135,760.46 |
| Cigars and Cigarettes..... | 698,042.31 | 413,711.64 |
| Tobacco (Chewing and Smoking)..... | 3,623,735.92 | 2,856,427.94 |
| Income Tax Collections Hamilton County and First District of Ohio..... | 4,709,545.64 | 1,493,005.21 |
| Income Tax Collections Covington, Newport and Vicinity..... | 144,465.51 | 35,648.85 |

STATISTICS OF CINCINNATI—Continued.

| | 1917 | 1916 |
|--|----------------|----------------|
| Post Office Receipts..... | 3,315,049.43 | \$3,163,885.21 |
| Letters, Postal Cards and Circulars Forwarded..... | 367,670,980 | 261,016,320 |
| Letters, Postal Cards and Circulars Delivered..... | 487,780,330 | 353,684,220 |
| Received from Depositing Postmasters | | |
| Postal Funds..... | \$4,978,210.04 | \$4,840,579.2 |
| Money Order Funds..... | 5,002,508.92 | 4,648,757.22 |
| Postal Savings Funds..... | 534,050.68 | 690,865.76 |
| Postal Savings Banks Receipts..... | 734,547.00 | 646,930.00 |
| United States Custom House, (Year ending June 30) | | |
| Value of Merchandise..... | \$1,080,352.00 | \$1,000,000.00 |
| Receipts of Duties, approximately..... | 375,632.00 | 400,000.00 |
| Number of Documents issued to Vessels..... | 126 | 124 |
| Total Gross Tonnage..... | 8,993 | 13,135 |

COST OF BUILDINGS.

| | |
|-----------|----------------|
| 1906..... | \$7,101,866.00 |
| 1907..... | 7,737,062.00 |
| 1908..... | 6,428,988.00 |
| 1909..... | 7,806,369.00 |
| 1910..... | 8,052,915.00 |
| 1911..... | 3,383,000.00 |
| 1912..... | 19,398,202.00 |
| 1913..... | 8,348,432.00 |
| 1914..... | 8,820,446.00 |
| 1915..... | 14,025,333.00 |
| 1916..... | 10,828,380.00 |
| 1917..... | 10,451,315.00 |

FIRE LOSSES IN CINCINNATI.

| | Gross Loss. | Insurance Loss |
|-----------|--------------|----------------|
| 1908..... | 773,889.00 | 575,434.00 |
| 1909..... | 878,602.00 | 738,898.90 |
| 1910..... | 1,936,157.00 | 1,304,484.00 |
| 1911..... | 1,428,905.00 | 1,027,865.00 |
| 1912..... | 1,153,374.00 | 1,917,354.00 |
| 1913..... | 1,341,438.00 | 1,080,804.00 |
| 1914..... | 689,405.61 | 573,843.57 |
| 1915..... | 365,570.56 | 324,579.23 |
| 1916..... | 648,335.89 | 475,150.08 |
| 1917..... | 1,011,465.24 | 929,537.82 |

RIVER COMMERCE.

Receipts and shipments of Merchandise, by river, at Cincinnati, for three years, each year ending December 31, as indicated, according to reports to the Cincinnati Chamber of Commerce.

| Articles. | Receipts | | | Shipments. | | |
|--|---------------------|-----------|-----------|------------|---------|---------|
| | 1917 | 1916 | 1915 | 1917 | 1916 | 1915 |
| Cereals, Grain and Farm Products. | | | | | | |
| Barley..... | Bushels | 10 | | 250 | 11 | |
| Corn..... | Bushels | 2,060 | 3,890 | 15,136 | 3,535 | 4,003 |
| Oats..... | Bushels | 985 | 186 | 2,025 | 3,393 | 1,740 |
| Rye..... | Bushels | 19,146 | 3,565 | 8,501 | 1,387 | 831 |
| Wheat..... | Bushels | 13,716 | 10,012 | 25,827 | 534 | 1,099 |
| Bran and Middlings..... | Tons | 7 | 34 | 104 | 566 | 713 |
| Flour..... | Barrels | 1,198 | 920 | 1,854 | 3,251 | 4,132 |
| Malt..... | Bushels | 100 | | | 698 | 500 |
| Hay..... | Tons | 867 | 2,925 | 1,749 | 40 | 19 |
| Cotton..... | Bales | 39 | | | | |
| Straw..... | Tons | 17 | 186 | 298 | 2 | 6 |
| Hops..... | 100 lb. Bales | | 23 | 208 | 7 | 14 |
| Clover Seed..... | 100 lb. Bags | 2 | 405 | 1,189 | 463 | 163 |
| Flax Seed..... | 100 lb. Bags | | | | | |
| Timothy Seed..... | 100 lb. Bags | | 2 | 9 | 338 | 1,466 |
| Other Seeds..... | 100 lb. Bags | 1,032 | 1,388 | 4,068 | 4,753 | 5,647 |
| Hemp..... | 100 lb. Bales | | | | | 8,015 |
| Broom Corn..... | Lbs. | | 900 | 300 | 12,250 | 21,600 |
| Coal and Coke. | | | | | | |
| Coal, Bituminous..... | Tons | 1,487,186 | 2,030,545 | 4,259,584 | 166,367 | 379,158 |
| Coal, Anthracite..... | Tons | | | | | |
| Coke..... | Tons | | | | | |
| Fruits, Vegetables, Produce and Dairy Products. | | | | | | |
| Apples..... | Barrels | 5,159 | 27,186 | 29,733 | 469 | 1,203 |
| Bananas..... | Tons | | | | 6 | 2 |
| Dried Fruits..... | Lbs. | | 18,900 | 34,210 | 68,860 | 9,054 |
| Green Fruits..... | Tons | 37 | 84 | 318 | 58 | 25 |
| Lemons..... | Boxes | | 2 | 3 | 828 | 1,122 |
| Oranges..... | Boxes | 16 | 10 | 131 | 2,010 | 5,141 |
| Butter..... | 100 lb. Pkgs. | 2,013 | 2,324 | 2,705 | 93 | 287 |
| Oleomargarine..... | Lbs. | 5,070 | | 9,140 | 157,821 | 125,924 |
| Eggs..... | Cases | 17,649 | 24,629 | 27,084 | 245 | 305 |
| Potatoes..... | Bushels | 12,386 | 25,635 | 27,716 | 8,058 | 7,505 |
| Vegetables..... | Tons | 96 | 341 | 171 | 43 | 94 |
| Onions..... | Barrels | 2,097 | 2,867 | 4,024 | 400 | 717 |
| Watermelons..... | Number | | 2,400 | | 12,000 | 7,200 |
| Cantaloupes..... | Cars | | | | | 3,600 |
| Poultry..... | Cooes | 2,550 | 1,950 | 2,250 | | |
| Fish..... | 100 lbs. Pkgs. | 91 | 186 | 293 | 1,596 | 3,971 |
| Groceries. | | | | | | |
| Beans..... | Bushels | 300 | 150 | 240 | 214 | 435 |
| Candles..... | Boxes | 5 | 16 | | 135 | 13 |
| Coffee..... | 100 lb. Bags | 37 | 25 | 70 | 3,499 | 3,350 |
| Cheese..... | 60 lb. Boxes | 16 | 16 | 87 | 2,331 | 1,740 |
| Molasses..... | Barrels | 7 | 117 | 85 | 130 | 73 |
| Peanuts..... | 100 lb. Bags | | 33 | | 806 | 464 |
| Rice..... | 100 lb. Bags | 60 | 226 | 15 | 1,495 | 1,516 |
| Salt..... | Barrels | 846 | 2,083 | 6,344 | 1,342 | 4,738 |
| Soap..... | 60 lb. Boxes | 3,769 | 5,271 | 6,849 | 7,660 | 8,934 |
| Sorghum..... | Barrels | | 11 | 383 | | |
| Starch..... | 60 lb. Boxes | 13 | 6 | 65 | 988 | 1,153 |
| Sugar..... | Barrels | 170 | 11 | 22 | 2,582 | 3,063 |
| Live Stock and Products. | | | | | | |
| Cattle..... | Head | 9,382 | 8,960 | 6,959 | 668 | 1,399 |
| Hogs..... | Head | 18,151 | 35,627 | 29,354 | 165 | 259 |
| Sheep..... | Head | 2,473 | 5,788 | 4,683 | 264 | 204 |
| Mules and Horses..... | Head | 280 | 555 | 1,422 | 436 | 470 |
| Fresh Meat..... | Lbs. | | | 3,600 | 2,315 | 34,200 |
| Salt Beef..... | Lbs. | | | | | 750 |
| D. S. Meat Loaves..... | Lbs. | | | | | 7,711 |
| D. S. Meat Boxes..... | Lbs. | | 3,450 | 5,750 | 447,985 | 402,277 |
| Bacon..... | Lbs. | | 1,780 | 500 | 606,074 | 430,258 |
| Hams..... | Lbs. | | | | 10,760 | 10,950 |
| Lard..... | Lbs. | 600 | 3,200 | 3,680 | 240,010 | 289,752 |
| Pork..... | Barrels | | 1 | | 7 | 18 |
| Hides..... | 60 lb. Bundles | 3,785 | 3,392 | 6,387 | 249 | 10 |
| Leather..... | 100 lb. Bundles | 1,020 | 842 | 720 | 437 | 764 |
| Tallow..... | Tierces and Barrels | 92 | 125 | 258 | | |
| Wool..... | 100 lb. Bales | 64 | 269 | 369 | 19 | 162 |
| Sheep Pelts..... | 60 lb. Bundles | | 4 | 18 | | 265 |

RIVER COMMERCE—Continued.

| Articles. | Receipts. | | | Shipments. | | |
|--|-----------------------|------------|-------------|------------|---------|---------|
| | 1917 | 1916 | 1915 | 1917 | 1916 | 1915 |
| Manufactured Articles. | | | | | | |
| Automobiles..... | Number 75 | 41 | 106 | 151 | 44 | 61 |
| Boots and Shoes..... | Cases 1,348 | 2,432 | 4,451 | 4,361 | 5,248 | 5,846 |
| Cooperage..... | Pieces 6,263 | 7,941 | 13,057 | 6,114 | 6,451 | 11,537 |
| Furniture..... | 100 lbs. Pkgs. 8,631 | 8,794 | 17,191 | 2,828 | 1,722 | 3,281 |
| Glassware and Crockery..... | 100 lbs. Pkgs. 4,173 | 4,856 | 9,562 | 6,878 | 21,197 | 16,816 |
| Vehicles..... | Number 25 | 55 | 206 | 517 | 412 | 507 |
| Other Manufactures..... | Pieces 2,254 | 313 | 1,147 | 331 | 592 | 1,230 |
| Metals, Building Materials, Oils. | | | | | | |
| Lime, Cement and Plaster..... | Barrels 369 | 293 | 1,388 | 777 | 1,450 | 1,401 |
| Sand and Gravel..... | Tons 61,796 | 322,060 | 195,115 | ..... | ..... | 49,800 |
| Brick..... | M 4,000,000 | 3,012,000 | 2,600,000 | 12,000 | 12,000 | 15,000 |
| Lumber..... | Feet 15,015,000 | 25,080,000 | 187,645,000 | 60,000 | 90,000 | 45,000 |
| Nails..... | 100 lb. Kegs 695 | 672 | 2,251 | 594 | 2,203 | 658 |
| Oil..... | Barrels 279 | 482 | 253 | 1,009 | 1,090 | 1,089 |
| Rosin..... | Barrels..... | 2 | 5 | 17 | 13 | 29 |
| Scrap Iron..... | Tons 445 | 405 | 661 | 5 | ..... | 8 |
| Iron and Steel..... | Tons 626 | 414 | 378 | 1,319 | 596 | 735 |
| Iron, Pig..... | Tons..... | 7 | 2 | ..... | ..... | 2 |
| Pig Lead..... | Lbs..... | ..... | ..... | 15,705 | 16,000 | 4,500 |
| White Lead..... | Lbs..... | 1,000 | ..... | 708,000 | 526,490 | 621,945 |
| Petroleum..... | Barrels 54 | 160 | 336 | 712 | 567 | 708 |
| Stearine..... | Tierces..... | ..... | ..... | ..... | ..... | 1 |
| Turpentine..... | Barrels..... | 14 | 103 | 114 | 120 | 248 |
| Wines, Liquors, Tobacco. | | | | | | |
| Alcohol..... | Barrels 17 | 11 | 20 | 191 | 311 | 346 |
| Ale, Beer and Porter..... | Kegs 120 | 28 | 42 | 7,075 | 15,795 | 11,628 |
| Whiskey..... | Barrels 11,858 | 8,367 | 11,235 | 4,798 | 7,258 | 7,313 |
| Wines and Liquors..... | Barrels 366 | 213 | 345 | 673 | 662 | 473 |
| Wines and Liquors..... | 100 lbs. Pkgs. 39,388 | 57,411 | 35,643 | 11,392 | 19,644 | 31,610 |
| Leaf Tobacco..... | Hbds. 4,017 | 4,276 | 9,781 | 1,082 | 2,474 | 1,282 |
| Leaf Tobacco..... | Cases 294 | 39 | 1 | ..... | 3 | 10 |
| Manufactured Tobacco..... | 100 lbs. Pkgs. 531 | 690 | 2,058 | 219 | 450 | 379 |
| Miscellaneous. | | | | | | |
| Feathers..... | Lbs 100 | 6,259 | 12,100 | ..... | 100 | ..... |
| Fertilisers..... | Tons 48 | 36 | 285 | 80 | 348 | 1,785 |
| Grease..... | Tierces 38 | 38 | 6 | 6 | 53 | 35 |
| Merchandise..... | Tons 12,381 | 3,881 | 5,190 | 20,256 | 15,392 | 17,143 |

ARRIVALS AND DEPARTURES OF STEAMERS.

Monthly arrivals and departures of Freight and Passenger Steamers, at Cincinnati, with comparisons for three years, as indicated:

| MONTHS. | ARRIVED FROM | | | | | | | | | | | |
|--------------|--------------------------------|------|------|--------------------------|------|------|---------------|-------|-------|---------|-------|-------|
| | MEMPHIS AND LOWER MISSISSIPPI. | | | PITTSBURGH AND WHEELING. | | | OTHER POINTS. | | | TOTALS. | | |
| | 1917 | 1916 | 1915 | 1917 | 1916 | 1915 | 1917 | 1916 | 1915 | 1917 | 1916 | 1915 |
| January.... | .. | .. | 1 | .. | .. | .. | 41 | 78 | 53 | 41 | 78 | 53 |
| February.... | .. | .. | 1 | .. | 1 | 1 | 21 | 96 | 64 | 21 | 97 | 66 |
| March..... | .. | 1 | 1 | .. | .. | 2 | 59 | 113 | 79 | 59 | 114 | 82 |
| April..... | .. | .. | 2 | .. | 1 | 1 | 69 | 107 | 80 | 69 | 108 | 83 |
| May..... | .. | 1 | 2 | .. | 1 | 1 | 74 | 123 | 90 | 74 | 125 | 93 |
| June..... | .. | .. | 3 | 1 | .. | .. | 73 | 117 | 109 | 74 | 117 | 112 |
| July..... | .. | .. | 2 | 4 | .. | 4 | 68 | 116 | 115 | 72 | 116 | 121 |
| August..... | .. | .. | 2 | .. | .. | 4 | 69 | 121 | 111 | 69 | 121 | 117 |
| September... | .. | .. | 2 | .. | .. | 4 | 56 | 117 | 112 | 56 | 117 | 118 |
| October..... | .. | .. | 2 | .. | .. | 2 | 41 | 95 | 110 | 41 | 95 | 114 |
| November... | .. | .. | 2 | .. | .. | .. | 53 | 91 | 114 | 53 | 91 | 116 |
| December... | .. | .. | .. | .. | .. | .. | 16 | 53 | 112 | 16 | 53 | 112 |
| Totals.. | .. | 2 | 19 | 5 | 3 | 19 | 640 | 1,227 | 1,149 | 645 | 1,232 | 1,187 |

| MONTHS. | DEPARTED FOR | | | | | | | | | | | |
|--------------|--------------------------------|------|------|--------------------------|------|------|---------------|-------|-------|---------|-------|-------|
| | MEMPHIS AND LOWER MISSISSIPPI. | | | PITTSBURGH AND WHEELING. | | | OTHER POINTS. | | | TOTALS. | | |
| | 1917 | 1916 | 1915 | 1917 | 1916 | 1915 | 1917 | 1916 | 1915 | 1917 | 1916 | 1915 |
| January.... | .. | .. | .. | .. | .. | .. | 43 | 79 | 52 | 43 | 79 | 52 |
| February.... | .. | 1 | 1 | .. | .. | 3 | 19 | 97 | 63 | 19 | 98 | 65 |
| March..... | .. | .. | 1 | .. | 1 | 1 | 63 | 112 | 77 | 63 | 113 | 81 |
| April..... | .. | 1 | 2 | .. | .. | 1 | 70 | 106 | 77 | 70 | 107 | 80 |
| May..... | .. | .. | 2 | 2 | 1 | 1 | 73 | 123 | 91 | 73 | 124 | 94 |
| June..... | .. | .. | 3 | .. | .. | 1 | 70 | 116 | 107 | 72 | 116 | 111 |
| July..... | .. | .. | 2 | 3 | .. | 4 | 70 | 116 | 114 | 73 | 116 | 120 |
| August..... | .. | .. | 2 | .. | .. | 4 | 69 | 120 | 113 | 69 | 120 | 119 |
| September... | .. | .. | 2 | .. | .. | 4 | 52 | 115 | 112 | 52 | 115 | 118 |
| October..... | .. | .. | 2 | .. | .. | 2 | 41 | 96 | 111 | 41 | 96 | 115 |
| November... | .. | .. | 2 | .. | .. | .. | 52 | 89 | 114 | 52 | 89 | 116 |
| December... | .. | .. | .. | .. | .. | .. | 12 | 53 | 110 | 12 | 53 | 110 |
| Totals.. | .. | 2 | 19 | 5 | 2 | 21 | 634 | 1,222 | 1,141 | 639 | 1,226 | 1,181 |

Annual arrivals and departures of Steamers, at Cincinnati, for years indicated:

| YEARS. | Arrivals. | Departures. | YEARS. | Arrivals. | Departures. | YEARS. | Arrivals. | Departures. |
|--------------|-----------|-------------|-----------|-----------|-------------|-----------|-----------|-------------|
| 1882-83..... | 2,340 | 2,329 | 1894..... | 1,687 | 1,694 | 1906..... | 1,639 | 1,634 |
| 1883-84..... | 2,170 | 2,162 | 1895..... | 1,028 | 983 | 1907..... | 1,539 | 1,536 |
| 1884-85..... | 2,137 | 2,138 | 1896..... | 1,124 | 1,042 | 1908..... | 1,292 | 1,291 |
| 1885-86..... | 2,489 | 2,483 | 1897..... | 950 | 948 | 1909..... | 1,436 | 1,432 |
| 1886-87..... | 2,272 | 2,281 | 1898..... | 1,396 | 1,391 | 1910..... | 1,351 | 1,348 |
| 1887-88..... | 2,113 | 2,115 | 1899..... | 1,686 | 1,612 | 1911..... | 1,376 | 1,383 |
| 1888-89..... | 2,521 | 2,522 | 1900..... | 1,491 | 1,502 | 1912..... | 1,211 | 1,215 |
| 1889-90..... | 2,257 | 2,252 | 1901..... | 1,885 | 1,925 | 1913..... | 1,274 | 1,284 |
| 1890-91..... | 2,234 | 2,234 | 1902..... | 1,724 | 1,739 | 1914..... | 1,099 | 1,087 |
| 1891-92..... | 2,185 | 2,188 | 1903..... | 1,533 | 1,522 | 1915..... | 1,187 | 1,181 |
| 1892..... | 2,052 | 2,062 | 1904..... | 1,336 | 1,341 | 1916..... | 1,232 | 1,226 |
| 1893..... | 1,891 | 1,894 | 1905..... | 1,477 | 1,478 | 1917..... | 645 | 639 |

STAGES OF THE OHIO RIVER.

Highest, lowest and average Stages of the Ohio River, at Cincinnati, each year indicated, with the highest Stage during the floods of 1832 and 1847:

| CALENDAR YEARS. | HIGHEST STAGE. | | LOWEST STAGE. | | AVERAGE FOR THE YEAR. |
|-----------------|----------------|------------------|---------------|------------------|-----------------------|
| | DATE. | Feet and tenths. | DATE. | Feet and tenths. | Feet and tenths. |
| 1832 | February 18 | 64.3 | | | |
| 1847 | December 17 | 63.7 | | | |
| 1872 | April 13 | 41.8 | October 14 | 3.0 | 11.7 |
| 1873 | December 18 | 44.4 | October 12 | 3.7 | 18.4 |
| 1874 | January 11 | 47.9 | September 22 | 2.3 | 15.7 |
| 1875 | August 6 | 55.4 | September 18 | 4.1 | 18.8 |
| 1876 | January 20 | 51.8 | September 4 | 6.2 | 18.5 |
| 1877 | January 20 | 53.7 | October 7* | 3.4 | 16.2 |
| 1878 | December 15 | 41.2 | October 22* | 4.3 | 16.8 |
| 1879 | December 27 | 42.3 | October 23 | 2.4 | 14.7 |
| 1880 | February 17 | 53.2 | October 28* | 3.8 | 17.4 |
| 1881 | February 16 | 50.8 | September 17* | 1.9 | 17.4 |
| 1882 | February 21 | 58.6 | November 1 | 6.0 | 22.4 |
| 1883 | February 15 | 66.3 | September 20* | 3.6 | 19.8 |
| 1884 | February 14 | 71.1 | September 26 | 2.5 | 17.6 |
| 1885 | January 20 | 46.0 | October 11* | 3.9 | 15.6 |
| 1886 | April 9 | 55.8 | November 2 | 3.0 | 17.6 |
| 1887 | February 6 | 56.3 | September 17* | 2.8 | 18.4 |
| 1888 | April 1 | 39.9 | August 7 | 5.5 | 18.0 |
| 1889 | February 22 | 38.3 | September 13 | 5.3 | 18.7 |
| 1890 | March 25 | 59.2 | August 4* | 5.8 | 25.4 |
| 1891 | February 25 | 57.4 | October 10* | 4.5 | 20.2 |
| 1892 | April 25 | 43.8 | November 5* | 3.5 | 16.7 |
| 1893 | February 20 | 54.9 | August 29* | 3.6 | 17.8 |
| 1894 | February 15 | 35.6 | September 14* | 8.1 | 12.8 |
| 1895 | January 14 | 48.4 | October 27* | 2.3 | 12.3 |
| 1896 | April 4 | 47.7 | September 25 | 5.0 | 17.6 |
| 1897 | February 26 | 61.2 | October 26 | 3.0 | 17.6 |
| 1898 | March 29 | 61.4 | October 6 | 4.5 | 19.7 |
| 1899 | March 8 | 57.4 | November 2 | 3.4 | 18.7 |
| 1900 | December 1 | 40.0 | November 21 | 3.1 | 14.0 |
| 1901 | April 27 | 59.7 | November 11* | 4.2 | 17.6 |
| 1902 | March 5 | 50.9 | September 24* | 3.9 | 16.8 |
| 1903 | March 5 | 53.2 | October 7* | 4.5 | 17.9 |
| 1904 | March 9 | 45.9 | October 6* | 3.3 | 14.5 |
| 1905 | March 13 | 48.3 | October 11 | 6.5 | 18.2 |
| 1906 | April 2 | 50.4 | September 22 | 7.1 | 17.6 |
| 1907 | January 21 | 65.2 | October 31 | 7.0 | 22.7 |
| 1908 | April 4 | 55.9 | October 6* | 2.8 | 17.7 |
| 1909 | February 28 | 54.6 | October 15 | 3.6 | 17.0 |
| 1910 | March 7 | 51.8 | August 28* | 4.0 | 18.4 |
| 1911 | February 3 | 49.1 | July 25 | 4.6 | 20.5 |
| 1912 | March 27 | 53.4 | June 18 | 6.7 | 19.6 |
| 1913 | April 1 | 70.0 | June 27 | 7.5 | 20.8 |
| 1914 | April 4 | 47.2 | June 4* | 8.2 | 18.5 |
| 1915 | February 7 | 55.9 | December 12 | 9.0 | 18.9 |
| 1916 | April 1 | 53.5 | October 31 | 7.8 | 21.2 |
| 1917 | March 17 | 56.1 | June 25 | 9.3 | 20.6 |

* Other dates also.

RAINFALL IN THE OHIO VALLEY.

Annual Rainfall at various points in the Ohio Valley, prepared by the U. S. Weather Bureau, in inches and hundredths of an inch:

| POINTS. | 1906 | 1907 | 1908 | 1909 | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Pittsburgh.. | 31.29 | 34.86 | 30.17 | 33.18 | 31.80 | 41.29 | 38.30 | 38.49 | 33.48 | 35.50 | 34.86 | 32.90 |
| Cincinnati.. | 40.83 | 44.56 | 27.29 | 37.43 | 34.42 | 45.05 | 38.61 | 42.15 | 32.78 | 41.30 | 38.14 | 35.32 |
| Louisville.. | 42.06 | 47.48 | 37.85 | 50.41 | 50.01 | 39.38 | 45.96 | 44.22 | 33.74 | 40.19 | 50.33 | 41.74 |
| Cairo..... | 46.92 | 45.58 | 38.47 | 43.05 | 45.93 | 30.11 | 37.50 | 42.60 | 28.22 | 46.00 | 35.32 | 40.43 |
| Columbus, O. | 33.70 | 37.58 | 30.14 | 36.59 | 34.79 | 43.43 | 29.64 | 40.88 | 31.12 | 39.94 | 34.43 | 32.97 |
| Indianapolis. | 37.47 | 38.56 | 31.25 | 44.98 | 39.28 | 33.32 | 40.29 | 45.40 | 30.97 | 40.91 | 34.29 | 34.94 |
| Chattanooga. | 47.58 | 42.37 | 42.17 | 54.05 | 42.34 | 63.14 | 64.99 | 48.09 | 45.54 | 60.34 | 48.72 | 57.73 |
| Memphis.... | 54.31 | 41.55 | 47.46 | 45.29 | 40.01 | 41.12 | 46.80 | 48.93 | 38.34 | 49.23 | 33.44 | 38.98 |
| Nashville.... | 49.48 | 37.42 | 34.04 | 46.99 | 42.90 | 48.26 | 53.67 | 40.71 | 40.38 | 42.42 | 43.21 | 47.26 |

RAINFALL AT CINCINNATI.

Monthly and annual Rainfall, at Cincinnati, together with average from 1871 to date, in inches and hundredths of an inch: (From the reports of Dr. Joseph Ray and others from 1853 to 1855 inclusive, from the reports of Prof. George W. Harper, of Woodward High School, from 1856 to 1865 inclusive; from the reports of R. C. Phillips, Esq., from 1866 to 1870 inclusive; from the reports of the U. S. Weather Bureau, Dept. of Agriculture from 1871 to date.

| YEARS. | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. | Total. |
|--------------------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|--------|
| 1853. | 1.53 | 5.14 | 2.14 | 7.70 | 2.21 | 1.90 | 4.81 | 2.16 | 4.70 | 3.78 | 3.30 | .73 | 40.10 |
| 1854. | 4.10 | 5.57 | 8.33 | 2.97 | 7.29 | 4.84 | 2.32 | 3.18 | 2.12 | 3.01 | 3.66 | 3.38 | 50.77 |
| 1855. | 3.71 | 1.58 | 3.66 | 3.05 | 5.24 | 8.10 | 4.35 | 4.25 | 2.98 | 1.31 | 5.22 | 3.28 | 46.73 |
| 1856. | 1.00 | 2.49 | 1.51 | .73 | 1.23 | 2.24 | 3.43 | 6.61 | 3.02 | 1.74 | 2.09 | 2.19 | 22.88 |
| 1857. | .54 | 1.98 | .76 | .73 | 5.53 | 3.09 | 2.50 | 2.92 | .75 | 4.92 | 5.36 | 3.82 | 34.90 |
| 1858. | 2.56 | 1.74 | 1.05 | 4.34 | 8.32 | 5.09 | 3.01 | 7.97 | .85 | 4.66 | 2.57 | 6.41 | 49.17 |
| 1859. | 2.58 | 5.92 | 4.38 | 7.53 | 2.32 | 3.22 | 1.24 | 3.79 | 2.10 | 1.28 | 4.46 | 3.75 | 42.57 |
| 1860. | 1.43 | 1.56 | .41 | 5.32 | 3.68 | 1.55 | 7.97 | .92 | 4.34 | 1.28 | 3.53 | 1.85 | 33.84 |
| 1861. | 2.68 | 1.81 | 2.08 | 3.88 | 5.91 | 3.80 | 3.62 | 7.10 | 2.94 | 3.77 | 3.62 | 1.10 | 42.31 |
| 1862. | 4.74 | 2.30 | 5.84 | 6.30 | 3.32 | 3.02 | 3.05 | 1.49 | .93 | .80 | 3.97 | 3.01 | 38.83 |
| 1863. | 5.55 | 3.05 | 4.37 | 2.13 | 2.84 | 3.11 | 3.21 | 2.99 | 3.10 | 3.55 | 2.05 | 3.80 | 40.05 |
| 1864. | 1.85 | .99 | 4.90 | 2.43 | 3.34 | 3.43 | 1.25 | 3.42 | 8.64 | 2.92 | 3.40 | 2.94 | 34.51 |
| 1865. | 2.45 | 2.43 | 4.40 | 3.89 | 7.72 | 2.59 | 7.77 | 2.26 | 5.76 | .86 | .56 | 3.98 | 44.58 |
| 1866. | 3.36 | 1.10 | 5.22 | 2.49 | .98 | 4.43 | 7.82 | 6.31 | 10.07 | 1.83 | 1.57 | 1.72 | 46.90 |
| 1867. | 1.27 | 5.32 | 1.93 | 3.20 | 4.48 | 3.07 | 2.03 | 1.13 | .65 | 3.10 | 1.66 | 3.06 | 32.10 |
| 1868. | 7.29 | .88 | 5.41 | 3.30 | 6.01 | 7.26 | 1.80 | 6.65 | 8.21 | 1.10 | 1.16 | 1.64 | 50.71 |
| 1869. | 2.17 | 3.05 | 5.14 | 8.05 | 5.93 | 3.00 | 5.38 | 1.20 | 3.20 | 2.75 | 3.16 | 3.50 | 41.51 |
| 1870. | 6.20 | 2.98 | 4.80 | 1.42 | 1.90 | 5.35 | 5.50 | 1.10 | .70 | 3.23 | 1.40 | 2.35 | 36.19 |
| 1871. | 1.16 | 2.27 | 3.00 | 1.62 | 3.03 | 1.69 | 2.78 | 6.05 | 1.23 | 1.80 | 4.18 | 3.27 | 32.08 |
| 1872. | 0.60 | 1.67 | 1.57 | 5.14 | 4.07 | 3.81 | 7.01 | 2.21 | 1.33 | 3.33 | 1.22 | 2.43 | 34.89 |
| 1873. | 0.66 | 3.76 | 2.36 | 2.89 | 3.50 | 3.58 | 3.94 | 4.69 | 2.24 | 2.79 | 2.50 | 6.47 | 41.38 |
| 1874. | 1.51 | 5.91 | 3.65 | 4.06 | 1.38 | 2.58 | 3.42 | 1.03 | 2.33 | 1.31 | 5.35 | 2.58 | 37.61 |
| 1875. | 0.49 | 1.83 | 3.69 | 2.12 | 3.92 | 4.83 | 9.43 | 3.17 | 0.65 | 3.05 | 4.35 | 3.75 | 42.58 |
| 1876. | 0.99 | 2.92 | 5.07 | 3.26 | 1.25 | 6.67 | 6.91 | 6.38 | 3.17 | 4.26 | 2.36 | 0.88 | 52.62 |
| 1877. | 2.33 | 0.87 | 5.47 | 2.32 | 1.76 | 5.24 | 4.25 | 2.26 | 1.66 | 1.85 | 3.49 | 3.35 | 34.65 |
| 1878. | 4.33 | 2.33 | 4.03 | 3.05 | 2.53 | 5.03 | 4.32 | 4.11 | 2.84 | 2.39 | 2.77 | 3.89 | 41.62 |
| 1879. | 2.20 | 2.22 | 5.30 | 2.14 | 4.23 | 5.22 | 2.75 | 11.72 | 4.01 | 0.65 | 4.05 | 4.24 | 51.80 |
| 1880. | 5.14 | 4.50 | 4.15 | 5.82 | 5.70 | 9.86 | 2.46 | 4.01 | 1.37 | 2.98 | 4.42 | 7.26 | 54.67 |
| 1881. | 3.76 | 4.05 | 1.35 | 3.25 | 2.23 | 7.82 | 3.12 | 0.78 | 2.10 | 6.01 | 4.06 | 5.67 | 47.24 |
| 1882. | 6.02 | 1.04 | 6.17 | 2.71 | 8.47 | 4.34 | 3.91 | 5.75 | 3.16 | 1.50 | 1.57 | 2.39 | 52.12 |
| 1883. | 2.82 | 8.22 | 3.18 | 3.72 | 5.49 | 3.61 | 2.21 | 2.10 | 1.83 | 8.39 | 4.87 | 5.61 | 52.35 |
| 1884. | 2.21 | 8.87 | 2.63 | 3.02 | 5.56 | 2.77 | 1.73 | 2.05 | 3.87 | 1.35 | 1.23 | 3.09 | 39.28 |
| 1885. | 5.80 | 2.67 | 0.56 | 3.34 | 2.07 | 3.98 | 1.40 | 4.95 | 2.72 | 2.30 | 2.33 | 1.82 | 33.94 |
| 1886. | 2.83 | 1.65 | 2.27 | 2.23 | 4.11 | 5.26 | 3.07 | 2.91 | 1.30 | 0.82 | 3.23 | 1.67 | 31.35 |
| 1887. | 2.37 | 7.29 | 2.07 | 5.86 | 3.62 | 2.64 | 1.31 | 2.81 | 1.93 | 0.55 | 2.83 | 1.80 | 35.08 |
| 1888. | 2.78 | 1.37 | 3.94 | 1.14 | 2.70 | 1.75 | 2.46 | 7.80 | 1.79 | 3.05 | 4.78 | 1.32 | 34.88 |
| 1889. | 2.38 | 1.72 | 0.61 | 1.21 | 2.52 | 4.03 | 1.55 | 0.26 | 4.31 | 2.03 | 5.28 | 2.02 | 30.92 |
| 1890. | 5.28 | 4.63 | 6.26 | 2.63 | 3.58 | 6.00 | 1.46 | 5.91 | 3.28 | 4.14 | 2.65 | 1.88 | 47.70 |
| 1891. | 3.31 | 3.87 | 4.86 | 1.55 | 1.08 | 4.83 | 5.13 | 2.83 | 2.65 | 1.16 | 5.03 | 2.14 | 38.44 |
| 1892. | 1.62 | 2.83 | 1.96 | 5.66 | 3.95 | 3.81 | 1.43 | 3.03 | 3.78 | 0.40 | 2.06 | 1.22 | 31.95 |
| 1893. | 2.87 | 4.84 | 1.93 | 7.10 | 6.40 | 4.45 | 3.79 | 0.86 | 3.90 | 3.17 | 2.04 | 2.65 | 44.00 |
| 1894. | 2.75 | 3.78 | 2.36 | 1.60 | 2.33 | 4.17 | 0.13 | 1.98 | 2.46 | 0.82 | 0.98 | 3.23 | 26.50 |
| 1895. | 6.13 | 0.37 | 1.51 | 2.62 | 1.82 | 2.15 | 2.27 | 3.29 | 0.49 | 0.73 | 4.66 | 3.29 | 29.33 |
| 1896. | 1.49 | 1.56 | 3.20 | 0.59 | 2.17 | 2.70 | 7.40 | 3.70 | 5.00 | 2.29 | 3.20 | 1.09 | 34.48 |
| 1897. | 2.48 | 5.27 | 9.89 | 3.08 | 2.46 | 1.87 | 6.71 | 1.91 | 0.64 | 0.46 | 6.80 | 2.32 | 43.89 |
| 1898. | 7.76 | 2.21 | 6.70 | 1.15 | 3.03 | 1.58 | 3.26 | 2.61 | 2.62 | 2.90 | 2.60 | 2.46 | 38.97 |
| 1899. | 3.32 | 2.04 | 5.94 | 1.21 | 4.33 | 3.27 | 1.58 | 3.65 | 2.18 | 1.64 | 2.60 | 2.03 | 34.69 |
| 1900. | 2.54 | 2.22 | 1.75 | 1.43 | 3.94 | 1.01 | 3.48 | 4.17 | 0.28 | 1.45 | 4.50 | 1.01 | 27.78 |
| 1901. | 0.87 | 1.35 | 2.01 | 1.93 | 1.62 | 2.27 | 1.44 | 0.88 | 0.92 | 0.59 | 0.74 | 3.37 | 17.99 |
| 1902. | 2.10 | 0.38 | 1.47 | 2.87 | 5.54 | 5.25 | 3.47 | 0.65 | 4.26 | 2.77 | 3.29 | 5.25 | 37.30 |
| 1903. | 2.05 | 5.76 | 4.07 | 3.49 | 3.83 | 3.27 | 2.31 | 2.75 | 1.78 | 1.31 | 1.45 | 1.72 | 34.69 |
| 1904. | 2.66 | 2.66 | 8.17 | 2.28 | 3.70 | 2.60 | 0.80 | 0.41 | 1.28 | 0.89 | 3.34 | 3.75 | 29.54 |
| 1905. | 1.80 | 1.76 | 2.46 | 3.14 | 9.52 | 2.36 | 1.04 | 4.66 | 1.54 | 4.85 | 2.75 | 2.81 | 38.69 |
| 1906. | 3.25 | 1.68 | 6.03 | 1.20 | 1.10 | 5.62 | 6.60 | 3.78 | 3.90 | 1.06 | 3.04 | 3.57 | 40.83 |
| 1907. | 8.40 | 0.78 | 8.43 | 3.68 | 2.40 | 3.87 | 5.59 | 2.93 | 1.20 | 2.86 | 1.97 | 2.38 | 44.56 |
| 1908. | 1.40 | 4.50 | 3.66 | 4.07 | 5.84 | 2.00 | 0.83 | 1.69 | 0.26 | 0.35 | 1.09 | 1.60 | 27.29 |
| 1909. | 2.57 | 5.65 | 2.44 | 3.62 | 4.21 | 5.06 | 3.83 | 1.82 | 1.39 | 3.02 | 1.42 | 2.40 | 37.43 |
| 1910. | 3.71 | 4.70 | 0.39 | 1.65 | 3.30 | 3.01 | 3.62 | 1.26 | 3.50 | 5.78 | 1.35 | 2.15 | 34.42 |
| 1911. | 4.28 | 1.80 | 3.05 | 5.23 | 1.54 | 3.04 | 4.61 | 3.06 | 7.52 | 4.54 | 2.92 | 3.46 | 45.05 |
| 1912. | 2.21 | 2.11 | 4.73 | 5.62 | 4.64 | 2.16 | 5.11 | 5.00 | 1.95 | 2.12 | 0.71 | 2.25 | 38.61 |
| 1913. | 9.02 | 1.86 | 9.09 | 3.84 | 2.30 | 2.29 | 2.37 | 1.27 | 1.86 | 2.71 | 4.26 | 1.28 | 42.15 |
| 1914. | 2.37 | 4.80 | 2.40 | 3.07 | 1.83 | 2.20 | 3.00 | 4.28 | 0.90 | 3.59 | 1.20 | 3.14 | 32.78 |
| 1915. | 3.85 | 0.94 | 1.64 | 0.84 | 5.56 | 4.47 | 4.93 | 4.13 | 5.65 | 2.36 | 2.34 | 4.59 | 41.30 |
| 1916. | 5.84 | 1.73 | 3.34 | 2.51 | 4.49 | 4.32 | 1.79 | 3.57 | 3.29 | 1.81 | 1.85 | 3.60 | 38.14 |
| 1917. | 1.74 | 1.50 | 4.06 | 4.07 | 4.62 | 2.96 | 1.04 | 1.70 | 2.97 | 2.79 | 0.31 | 1.56 | 35.32 |
| Average 1871-1917. | 3.51 | 3.18 | 3.79 | 2.99 | 3.60 | 3.77 | 3.45 | 3.25 | 2.46 | 2.41 | 2.84 | 2.92 | 38.10 |

DAILY STAGES OF WATER FOR TWELVE MONTHS ENDING DECEMBER 31, 1917.

In the Ohio River at Cincinnati, Pittsburgh and Point Pleasant and in the Kanawha at Charleston; daily, about 7:00 A. M. in feet and tenths

| 1917 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
|---|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|------|---|
| JANUARY. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 6.5 | 5.3 | 5.0 | 5.8 | 8.8 | 12.9 | 15.0 | 12.8 | 8.7 | 7.9 | 6.9 | 5.8 | 4.7 | 4.6 | 5.0 | 5.4 | 5.6 | 5.7 | 6.6 | 5.3 | 4.7 | 9.2 | 24.0 | 15.2 | 9.6 | 7.5 | 5.6 | 4.8 | 4.6 | 6.0 | 8.2 | |
| Charleston..... | 7.0 | 6.2 | 6.0 | 6.3 | 8.0 | 13.7 | 6.1 | 12.0 | 8.7 | 7.3 | 6.4 | 5.8 | 5.2 | 5.1 | 5.0 | 5.5 | 5.7 | 5.5 | 5.4 | 5.2 | 5.1 | 9.1 | 11.5 | 5.2 | 9.8 | 7.3 | 6.4 | 5.8 | 5.7 | 5.7 | 5.9 | |
| Pt. Pleasant..... | 24 | 32.3 | 0.16 | 8.16 | 4.16 | 8.20 | 5.30 | 132 | 5.31 | 8.20 | 0.24 | 5.20 | 0.10 | 5.15 | 5.11 | 5.9 | 8.9 | 9.2 | 9.0 | 8.5 | 8.2 | 19.1 | 1.31 | 9.35 | 9.36 | 5.33 | 7.27 | 0.22 | 1.17 | 0.16 | 1.17 | 0 |
| Cincinnati..... | 35 | 1.34 | 4.32 | 5.31 | 6.31 | 9.35 | 6.36 | 7.39 | 5.41 | 2.41 | 4.39 | 7.36 | 7.32 | 8.28 | 8.24 | 9.21 | 6.19 | 2.17 | 3.16 | 5.16 | 1.15 | 9.28 | 8.36 | 5.42 | 0.45 | 2.45 | 9.44 | 9.41 | 5.36 | 7.33 | 5.29 | 5 |
| FEBRUARY. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 7.6 | 8.8 | 7.0 | 5.0 | 4.0 | 2.7 | 2.1 | 1.8 | 2.8 | 2.7 | 2.0 | 2.7 | 1.1 | 0.6 | 0.6 | 0.8 | 0.7 | 0.8 | 1.2 | 1.8 | 2.8 | 4.3 | 4.4 | 4.3 | 8.1 | 9.3 | 7.8 | 8.7 | | | | |
| Charleston..... | 6.7 | 9.4 | 8.7 | 7.0 | 6.3 | 5.6 | 4.7 | 4.0 | 5.3 | 5.4 | 5.1 | 4.2 | 3.5 | 4.2 | 4.3 | 5.0 | 5.5 | 5.7 | 6.1 | 6.8 | 11.5 | 5.2 | 0 | 8.9 | 10.19 | 5.15 | 10.2 | 9.5 | | | | |
| Pt. Pleasant..... | 16 | 8.17 | 5.21 | 8.20 | 0.17 | 0.15 | 0.13 | 1.10 | 1.9 | 0.8 | 6.8 | 8.3 | 8.1 | 7.9 | 6.7 | 6.1 | 5.5 | 5.8 | 6.7 | 7.7 | 8.5 | 9.9 | 13.5 | 13.3 | 15.7 | 24 | 0.26 | 5.21 | 8.22 | 4 | | |
| Cincinnati..... | 27 | 6.27 | 0.26 | 8.28 | 1.28 | 4.27 | 4.24 | 7.21 | 9.19 | 5.17 | 7.16 | 3.15 | 3.14 | 9.14 | 2.13 | 6.13 | 1.12 | 5.12 | 3.13 | 5.15 | 6.16 | 6.17 | 4.21 | 4.27 | 5.28 | 1.31 | 3.34 | 3.35 | 1 | | | |
| MARCH. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 11 | 5.9 | 5.8 | 1.6 | 6.9 | 6.8 | 6.9 | 5.7 | 5.5 | 11 | 3.12 | 2.9 | 6.14 | 2.23 | 0.20 | 0.18 | 2.15 | 4.11 | 6.10 | 6.11 | 8.9 | 8.2 | 7.6 | 7.7 | 8.9 | 11.0 | 12.2 | 9.0 | 8.6 | 7.9 | 7.4 | |
| Charleston..... | 15 | 9.17 | 0.17 | 5.23 | 5.29 | 2.26 | 0.17 | 6.15 | 0.16 | 0.13 | 4.9 | 7.9 | 0.18 | 5.24 | 5.21 | 3.15 | 7.11 | 6.13 | 2.13 | 2.10 | 2.2 | 8.6 | 9.7 | 10.6 | 11.3 | 18.2 | 15.0 | 6.8 | 8.1 | 7.0 | 6.4 | |
| Pt. Pleasant..... | 25 | 5.26 | 9.28 | 9.31 | 5.35 | 5.36 | 0.32 | 2.28 | 0.30 | 1.30 | 0.28 | 7.30 | 8.34 | 8.82 | 2.46 | 7.17 | 1.44 | 7.41 | 2.38 | 0.31 | 2.28 | 5.24 | 0.23 | 0.28 | 6.28 | 3.31 | 0.29 | 6.37 | 5.24 | 7.21 | 4.18 | 0 |
| Cincinnati..... | 33 | 8.34 | 0.37 | 2.34 | 8.42 | 9.45 | 9.47 | 1.47 | 0.46 | 0.45 | 4.44 | 8.44 | 2.44 | 9.51 | 0.33 | 6.55 | 1.55 | 8.55 | 4.53 | 9.52 | 0.49 | 0.45 | 9.42 | 3.41 | 2.40 | 0.41 | 2.43 | 0.42 | 8.40 | 5.37 | 5.34 | 3 |
| APRIL. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 6.5 | 5.9 | 5.8 | 6.0 | 5.9 | 5.5 | 7.5 | 0.5 | 9.7 | 8.9 | 7.4 | 6.5 | 6.1 | 5.7 | 5.0 | 4.3 | 3.7 | 3.1 | 2.7 | 2.7 | 2.6 | 2.7 | 2.6 | 2.3 | 2.3 | 2.2 | 2.6 | 3.2 | 4.2 | 3.2 | | |
| Charleston..... | 6.0 | 5.8 | 5.7 | 5.5 | 5.1 | 6.6 | 8.5 | 9.9 | 9.4 | 8.0 | 7.3 | 6.4 | 6.1 | 6.1 | 5.9 | 5.7 | 5.3 | 5.0 | 5.1 | 5.5 | 7.0 | 7.4 | 7.1 | 6.8 | 7.0 | 7.1 | 7.2 | 7.5 | 7.7 | | | |
| Pt. Pleasant..... | 16 | 5.15 | 5.14 | 3.14 | 0.13 | 0.16 | 2.26 | 4.29 | 1.28 | 7.26 | 0.22 | 5.22 | 0.20 | 0.16 | 0.14 | 5.13 | 1.12 | 1.11 | 1.10 | 5.9 | 1.1 | 8.1 | 7.5 | 7.4 | 7.5 | 6.8 | 6.7 | 8.1 | 8.3 | 9.0 | 7.3 | |
| Cincinnati..... | 30 | 8.30 | 7.32 | 2.28 | 8.26 | 0.26 | 2.29 | 3.32 | 2.36 | 7.38 | 2.37 | 2.35 | 0.32 | 6.29 | 0.27 | 2.4 | 6.22 | 4.20 | 7.19 | 4.18 | 3.17 | 5.16 | 4.15 | 2.14 | 1.13 | 3.12 | 9.12 | 2.11 | 4.11 | 3.12 | 3 | |
| MAY. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 3.8 | 4.5 | 4.3 | 3.8 | 3.6 | 3.8 | 4.7 | 5.9 | 5.9 | 5.7 | 5.8 | 5.9 | 5.1 | 4.2 | 3.6 | 4.5 | 4.3 | 3.9 | 3.7 | 3.4 | 3.6 | 4.3 | 4.4 | 5.2 | 5.6 | 5.2 | 5.6 | 5.2 | 5.12 | 5.14 | 6.13 | 0 |
| Charleston..... | 7.8 | 8.1 | 8.0 | 7.8 | 7.5 | 7.4 | 7.3 | 8.0 | 8.4 | 8.6 | 8.4 | 8.0 | 7.8 | 7.7 | 7.7 | 7.5 | 7.3 | 7.1 | 7.0 | 6.9 | 6.8 | 7.0 | 7.1 | 7.3 | 7.4 | 8.5 | 5.7 | 19 | 214 | 7.9 | 5 | |
| Pt. Pleasant..... | 20 | 4.25 | 0.26 | 2.26 | 0.24 | 5.18 | 8.16 | 8.14 | 4.15 | 7.20 | 0.23 | 5.23 | 2.21 | 5.18 | 9.17 | 9.15 | 2.12 | 9.7 | 7.0 | 5.9 | 5.0 | 5.7 | 6.2 | 8.0 | 5.9 | 6.1 | 7.5 | 7.7 | 8.2 | 10.9 | | |
| Cincinnati..... | 40 | 4.39 | 4.38 | 4.37 | 2.36 | 5.36 | 6.33 | 0.28 | 9.25 | 9.27 | 0.25 | 8.28 | 1.29 | 7.29 | 6.28 | 4.26 | 7.24 | 7.22 | 3.19 | 7.17 | 7.14 | 8.12 | 8.10 | 8.9 | 9.4 | 9.4 | 9.4 | 9.4 | 9.5 | 12.0 | 11.7 | |
| JUNE. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 10 | 3.10 | 3.10 | 2.8 | 3.7 | 0.5 | 7.7 | 14.9 | 12.6 | 11.5 | 10.9 | 11.0 | 9.2 | 7.1 | 5.5 | 4.5 | 3.6 | 3.2 | 2.6 | 2.2 | 2.5 | 3.6 | 3.4 | 3.7 | 3.9 | 4.4 | 4.0 | 5.3 | 5.7 | 5.7 | | |
| Charleston..... | 7.8 | 6.5 | 7.4 | 7.2 | 6.5 | 5.7 | 5.1 | 4.6 | 4.6 | 7.1 | 7.5 | 7.5 | 7.4 | 7.4 | 7.4 | 7.4 | 7.4 | 7.5 | 7.1 | 7.3 | 7.0 | 7.2 | 7.2 | 7.1 | 7.3 | 7.2 | 7.3 | 7.0 | 7.2 | 7.0 | | |
| Pt. Pleasant..... | 26 | 4.25 | 0.26 | 2.26 | 0.24 | 5.18 | 8.16 | 8.14 | 4.15 | 7.20 | 0.23 | 5.23 | 2.21 | 5.18 | 9.17 | 9.15 | 2.12 | 9.7 | 7.0 | 5.9 | 5.0 | 5.7 | 6.2 | 8.0 | 5.9 | 6.1 | 7.5 | 7.7 | 8.2 | 10.9 | | |
| Cincinnati..... | 40 | 4.39 | 4.38 | 4.37 | 2.36 | 5.36 | 6.33 | 0.28 | 9.25 | 9.27 | 0.25 | 8.28 | 1.29 | 7.29 | 6.28 | 4.26 | 7.24 | 7.22 | 3.19 | 7.17 | 7.14 | 8.12 | 8.10 | 8.9 | 9.4 | 9.4 | 9.4 | 9.4 | 9.5 | 12.0 | 11.7 | |
| † Pool Stage: Dam No. 6 Up. * Pool Stage: Dam No. 26 Up. † River gorged with ice; gage reading impracticable. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

† Pool Stage: Dam No. 6 Up. * Pool Stage: Dam No. 26 Up. ‡ River gorged with ice; gage reading impracticable.

DAILY STAGES OF WATER—Continued.

| 1917 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| JULY. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 4.6 | 3.8 | 3.2 | 4.9 | 4.5 | 3.3 | 2.7 | 3.5 | 3.6 | 3.7 | 6.6 | 6.4 | 6.6 | 6.1 | 5.6 | 6.5 | 8.0 | 6.4 | 5.0 | 3.9 | 2.8 | 5.0 | 5.2 | 4.4 | 4.5 | 3.9 | 4.3 | 5.0 | 4.5 | 3.8 | | |
| Charleston..... | 7.1 | 7.2 | 7.0 | 7.3 | 7.3 | 7.0 | 6.2 | 6.7 | 6.6 | 7.0 | 7.0 | 6.7 | 7.0 | 6.7 | 7.1 | 7.4 | 7.5 | 7.5 | 7.6 | 7.6 | 7.6 | 7.4 | 7.7 | 8.2 | 8.3 | 8.4 | 8.5 | 8.8 | 7.5 | 7.4 | | |
| Pt. Pleasant..... | 12.7 | 13.1 | 11.4 | 9.1 | 7.6 | 6.8 | 8.8 | 8.6 | 8.0 | 8.0 | 9.6 | 10.4 | 10.7 | 11.4 | 13.4 | 13.0 | 12.5 | 13.0 | 16.4 | 17.1 | 19.4 | 18.0 | 6.5 | 9.4 | 8.9 | 8.9 | 8.7 | 8.5 | 7.5 | 7.5 | | |
| Cincinnati..... | 14.7 | 16.9 | 18.6 | 18.5 | 17.7 | 16.2 | 14.2 | 12.2 | 10.3 | 10.3 | 12.7 | 12.2 | 11.2 | 13.2 | 15.0 | 16.6 | 18.3 | 20.4 | 19.8 | 20.9 | 22.2 | 21.5 | 19.9 | 17.3 | 14.4 | 14.1 | 14.7 | 14.6 | 14.3 | 14.1 | | |
| AUGUST. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 3.7 | 3.5 | 3.4 | 3.9 | 3.7 | 3.5 | 3.2 | 3.3 | 3.4 | 3.4 | 3.5 | 3.5 | 3.4 | 3.4 | 3.5 | 3.6 | 4.9 | 2.6 | 3.5 | 5.3 | 5.1 | 5.2 | 5.2 | 5.8 | 6.2 | 6.0 | 5.9 | 6.0 | 5.8 | 6.2 | 5.2 | |
| Charleston..... | 7.3 | 7.1 | 7.5 | 7.5 | 7.4 | 7.4 | 7.3 | 7.4 | 7.3 | 7.2 | 7.0 | 7.2 | 7.3 | 7.1 | 7.0 | 6.9 | 6.9 | 6.8 | 6.8 | 7.0 | 7.0 | 7.0 | 6.8 | 7.0 | 7.1 | 7.0 | 7.0 | 6.8 | 6.7 | 6.8 | | |
| Pt. Pleasant..... | 5.9 | 7.5 | 7.3 | 6.8 | 5.5 | 6.2 | 6.0 | 4.8 | 4.4 | 6.2 | 6.2 | 8.0 | 6.2 | 6.0 | 6.6 | 7.6 | 9.0 | 6.3 | 6.4 | 7.2 | 7.2 | 6.4 | 8.2 | 6.8 | 5.5 | 8.6 | 7.9 | 6.8 | 6.5 | 5.8 | 5.4 | |
| Cincinnati..... | 13.2 | 12.1 | 11.2 | 12.7 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 12.2 | 13.2 | 13.2 | 11.1 | 8.1 | 11.8 | 12.1 | 11.7 | 12.4 | 12.3 | 12.3 | 12.5 | 12.0 | 12.4 | 12.4 | 12.1 | 11.8 | 12.1 | 11.8 | 12.1 | 12.7 | 12.1 | |
| SEPTEMBER. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 6.2 | 6.1 | 5.9 | 6.2 | 6.0 | 6.2 | 6.2 | 6.3 | 6.6 | 5.8 | 5.8 | 6.0 | 5.8 | 5.6 | 5.9 | 5.8 | 5.7 | 6.0 | 6.1 | 6.0 | 5.7 | 5.9 | 6.0 | 6.1 | 5.8 | 6.0 | 5.9 | 5.9 | 5.9 | 6.0 | | |
| Charleston..... | 6.8 | 6.8 | 6.8 | 7.2 | 7.2 | 7.5 | 7.3 | 7.5 | 7.4 | 7.5 | 7.0 | 7.1 | 7.1 | 7.0 | 7.0 | 6.8 | 6.8 | 6.7 | 6.7 | 6.8 | 7.2 | 7.0 | 7.2 | 7.1 | 7.1 | 7.0 | 7.2 | 7.1 | 7.2 | 7.1 | | |
| Pt. Pleasant..... | 6.9 | 6.5 | 6.6 | 7.1 | 6.8 | 9.0 | 6.0 | 5.8 | 8.0 | 9.1 | 8.6 | 7.5 | 6.2 | 7.1 | 6.9 | 5.8 | 6.0 | 6.1 | 6.3 | 7.0 | 6.3 | 6.2 | 6.2 | 6.9 | 6.6 | 6.6 | 5.5 | 5.8 | 6.0 | 6.2 | | |
| Cincinnati..... | 12.1 | 11.5 | 10.9 | 12.1 | 12.3 | 12.5 | 12.4 | 14.0 | 12.1 | 9.5 | 10.5 | 12.6 | 13.0 | 11.8 | 11.9 | 12.3 | 12.1 | 12.1 | 12.1 | 11.5 | 10.8 | 10.6 | 12.0 | 12.1 | 11.9 | 11.6 | 12.1 | 11.6 | 9.8 | | | |
| OCTOBER. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 6.0 | 6.0 | 6.0 | 6.2 | 6.4 | 6.5 | 6.5 | 6.4 | 5.9 | 5.9 | 5.8 | 6.1 | 5.9 | 5.9 | 6.1 | 6.0 | 6.1 | 6.0 | 6.0 | 6.5 | 6.8 | 6.3 | 5.1 | 4.1 | 8.5 | 11.8 | 11.0 | 11.5 | 12.6 | 11.9 | 14.4 | |
| Charleston..... | 7.1 | 7.0 | 7.2 | 6.1 | 6.7 | 7.5 | 6.9 | 7.3 | 7.0 | 7.0 | 6.9 | 7.0 | 7.2 | 7.3 | 7.5 | 7.4 | 7.4 | 7.3 | 7.0 | 6.0 | 7.5 | 7.3 | 7.2 | 7.2 | 7.6 | 7.5 | 7.7 | 7.4 | 7.5 | 7.4 | | |
| Pt. Pleasant..... | 6.2 | 6.2 | 6.2 | 6.8 | 5.8 | 5.5 | 4.4 | 4.9 | 6.0 | 6.0 | 5.5 | 6.5 | 6.5 | 6.6 | 6.2 | 6.5 | 7.3 | 6.4 | 7.1 | 11.3 | 11.3 | 12.9 | 12.6 | 12.0 | 11.2 | 12.6 | 16.3 | 19.6 | 20.0 | 32.1 | 7 | |
| Cincinnati..... | 10.4 | 10.5 | 11.9 | 12.2 | 12.1 | 11.1 | 11.9 | 11.1 | 9.1 | 11.6 | 11.3 | 12.0 | 11.6 | 11.3 | 12.0 | 11.6 | 11.9 | 12.1 | 12.1 | 11.5 | 10.8 | 10.6 | 12.0 | 12.1 | 11.9 | 11.6 | 12.1 | 11.6 | 9.8 | | | |
| NOVEMBER. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 13.3 | 11.2 | 9.0 | 7.0 | 5.8 | 4.8 | 4.0 | 3.3 | 5.7 | 6.2 | 5.9 | 5.4 | 5.9 | 6.0 | 6.2 | 6.0 | 6.1 | 6.0 | 6.2 | 6.2 | 6.2 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.0 | 5.4 | | |
| Charleston..... | 8.2 | 8.3 | 7.6 | 7.4 | 7.1 | 7.0 | 6.8 | 6.9 | 7.0 | 7.0 | 7.0 | 7.3 | 7.0 | 6.9 | 7.0 | 7.0 | 9.4 | 7.3 | 7.2 | 5.8 | 7.0 | 6.9 | 6.9 | 7.3 | 7.0 | 7.0 | 7.0 | 7.1 | 7.2 | 8.1 | | |
| Pt. Pleasant..... | 22.7 | 24.0 | 23.0 | 20.7 | 18.3 | 14.2 | 11.6 | 9.7 | 5.0 | 6.1 | 5.1 | 6.6 | 5.7 | 7.0 | 6.9 | 7.4 | 6.8 | 6.8 | 8.9 | 5.8 | 6.0 | 5.7 | 5.7 | 6.1 | 6.8 | 6.5 | 6.4 | 7.3 | 7.2 | | | |
| Cincinnati..... | 25.5 | 26.6 | 27.5 | 28.0 | 27.4 | 25.6 | 23.2 | 20.5 | 18.0 | 15.9 | 13.2 | 10.6 | 10.8 | 11.6 | 12.4 | 11.1 | 11.7 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 11.7 | | | |
| DECEMBER. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pittsburgh..... | 6.2 | 6.1 | 6.5 | 6.2 | 6.0 | 5.7 | 4.4 | 3.9 | 5.1 | 3.7 | 3.2 | 3.4 | 4.6 | 5.4 | 6.2 | 6.1 | 6.2 | 5.9 | 5.8 | 5.3 | 5.6 | 6.0 | 6.2 | 6.5 | 6.6 | 6.5 | 6.5 | 7.0 | 6.2 | 5.3 | 4.5 | |
| Charleston..... | 7.5 | 7.9 | 7.4 | 7.2 | 7.1 | 7.0 | 7.3 | 7.4 | 7.2 | 7.0 | 4.0 | 2.5 | 0.5 | 0.6 | 0.6 | 1.3 | 1.0 | 0.9 | 0.6 | 0.9 | 1.0 | 1.7 | 1.7 | 2.1 | 3.5 | 5.7 | 4.9 | 4.7 | 3.6 | 3.7 | | |
| Pt. Pleasant..... | 7.5 | 7.3 | 7.0 | 7.0 | 8.9 | 6.1 | 8.0 | 7.8 | 6.8 | 7.0 | 5.0 | 8.8 | 6.0 | 3.0 | 2.8 | 2.4 | 2.1 | 2.1 | 2.6 | 3.0 | 3.1 | 4.0 | 5.0 | 6.0 | 7.0 | 8.7 | 8.2 | 9.4 | 9.1 | | | |
| Cincinnati..... | 11.7 | 12.3 | 12.6 | 12.5 | 12.7 | 12.1 | 12.3 | 11.8 | 12.1 | 11.6 | 13.8 | 12.6 | 12.7 | 12.3 | 12.7 | 11.1 | 9.3 | 5.2 | 6.2 | 4.1 | 5.1 | 4.1 | 8.12 | 4.14 | 2.15 | 8.17 | 1.18 | 5.20 | 2.20 | 4.22 | 7 | |
| *Pool Stage. Dam No. 6 Up. † River gorged with ice; gage reading impracticable. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

† River gorged with ice; stage reading impracticable.

* Pool Stage: Dam No. 37 Up.

§ Pool Stage: Dam No. 26 Up.

† Pool Stage, Dam No. 6 Up.

DAILY PRECIPITATION, YEAR 1917.

| DATE | January. | February. | March. | April. | May. | June. | July. | August. | September. | October. | November. | December. |
|------------|----------|-----------|--------|--------|------|-------|-------|---------|------------|----------|-----------|-----------|
| 1..... | .02 | .02 | 0 | .84 | 0 | .25 | .71 | 0 | .02 | 0 | T. | 0 |
| 2..... | 0 | 0 | .32 | 1.04 | 0 | .23 | .02 | 0 | .01 | 0 | 0 | 0 |
| 3..... | .41 | 0 | T. | 0 | .30 | 0 | 0 | 0 | .01 | .06 | 0 | 0 |
| 4..... | .55 | .05 | .17 | T. | .63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5..... | 1.19 | T. | .06 | .89 | T. | .89 | 0 | 0 | 0 | T. | 0 | T. |
| 6..... | 0 | T. | 0 | 0 | T. | .04 | .49 | .38 | 2.04 | 0 | 0 | .05 |
| 7..... | 0 | T. | .17 | 0 | 0 | 0 | .05 | 0 | 0 | 0 | 0 | T. |
| 8..... | 0 | .07 | 0 | .08 | .07 | .01 | 0 | .02 | .66 | T. | 0 | .88 |
| 9..... | 0 | T. | 0 | 0 | T. | .77 | .01 | .07 | 0 | T. | 0 | .04 |
| 10..... | .11 | 0 | 0 | 0 | .14 | 0 | 0 | 0 | 0 | .08 | 0 | 0 |
| 11..... | T. | 0 | .24 | 0 | T. | 0 | .18 | 0 | 0 | .39 | 0 | .01 |
| 12..... | .03 | 0 | T. | 0 | 0 | 0 | 0 | 0 | 0 | .13 | 0 | 0 |
| 13..... | .38 | 0 | 1.11 | 0 | T. | .27 | .13 | T. | 0 | 0 | 0 | .06 |
| 14..... | .04 | 0 | .21 | 0 | 0 | T. | .05 | 0 | 0 | T. | 0 | .09 |
| 15..... | .08 | 0 | 0 | T. | 0 | 0 | .04 | .04 | 0 | 0 | 0 | 0 |
| 16..... | 0 | T. | .03 | T. | 0 | 0 | .04 | 0 | 0 | .07 | 0 | 0 |
| 17..... | T. | 0 | T. | 0 | 0 | 0 | .88 | 0 | 0 | 0 | 0 | 0 |
| 18..... | 0 | .01 | .01 | 0 | .06 | 0 | .11 | 0 | 0 | .51 | 0 | 0 |
| 19..... | 0 | .04 | 0 | 0 | .01 | .05 | T. | 0 | 0 | .32 | 0 | 0 |
| 20..... | 0 | 0 | .30 | 0 | 0 | 0 | 0 | .01 | .17 | 0 | 0 | 0 |
| 21..... | 1.00 | 0 | .10 | 0 | .01 | 0 | .01 | .17 | 0 | 0 | T. | 0 |
| 22..... | T. | 0 | 0 | 0 | .25 | 0 | T. | .32 | 0 | .01 | .03 | 0 |
| 23..... | 0 | .76 | .98 | T. | .05 | 0 | 0 | .12 | 0 | .08 | .01 | T. |
| 24..... | T. | T. | 0 | T. | 0 | 0 | .03 | 0 | 0 | T. | 0 | .19 |
| 25..... | T. | 0 | 0 | 0 | 0 | 0 | T. | 0 | 0 | 0 | 0 | .07 |
| 26..... | T. | 0 | .24 | 0 | .57 | 0 | 1.27 | 0 | 0 | .09 | 0 | 0 |
| 27..... | .40 | .17 | .12 | .70 | 1.76 | .18 | .02 | 0 | .06 | .15 | .12 | 0 |
| 28..... | .02 | .38 | 0 | .25 | .44 | .27 | 0 | .04 | 0 | 0 | .04 | .03 |
| 29..... | .44 | 0 | 0 | .04 | 0 | 0 | 0 | .16 | 0 | .90 | .11 | .12 |
| 30..... | 0 | 0 | 0 | .23 | 0 | 0 | 0 | .37 | 0 | T. | T. | 0 |
| 31..... | .07 | 0 | 0 | 0 | .33 | 0 | 0 | T. | 0 | T. | 0 | .02 |
| Total..... | 4.74 | 1.50 | 4.06 | 4.07 | 4.62 | 2.96 | 4.04 | 1.70 | 2.97 | 2.79 | 0.31 | 1.56 |

WEATHER SUMMARY AND RIVER STAGES.

By W. C. DEVEREAUX,

Meteorologist, in Charge, Local Office, U. S. Weather Bureau.

GENERAL SUMMARY FOR 1917.

All of the weather records for 1917 published in this summary were made at The Abbe Meteorological Observatory, on Lafayette Circle, Clifton, Cincinnati, Ohio. Up to March 31, 1915, the records were made at the Government Building, or at other buildings in the business section of the city. The temperature at the observatory averages nearly 2.0 degrees lower than at the Government Building, and in extreme cases it has been as much as 8 degrees lower. The wind directions and velocities have varied considerably at the two locations due to the better exposure of the instruments at the Observatory, but the rainfalls have been nearly the same except on a few days.

The year of 1917, on the whole, was one of the coldest on record at Cincinnati. The temperature during the months of January, February and March averaged nearly normal but there were some quite cold periods followed by unseasonably warm weather. In January the temperature was down to zero on one day, and in February it was below zero on five days the lowest being 9 degrees below zero on the 5th. The precipitation during these three months averaged about normal and much of it was in the form of rain, although there was a heavy snow fall on January 13th, and moderately heavy falls on March 2nd and 4th. Two thunderstorms occurred in January and three in February.

TORNADO AT CINCINNATI, OHIO, MARCH 11, 1917.

The first well-defined tornado in the city of Cincinnati, Ohio, of which there is any authentic record occurred during the evening of March 11, 1917. The preceding disastrous storm of July 7, 1915, was not classed as a true tornado although there is some evidence that it was a gyrotory storm but on a comparatively large scale. Previous to this we have not been able to find a record of a storm within the area of the city of Cincinnati that was of the nature of a tornado.

During the afternoon of March 11, 1917, the weather was unseasonably warm with a light southwest wind and an overcast sky. The weather map made from the observations taken at 8 p. m., 73th Meridian Time, or 7 p. m., local time, showed an area of low pressure over the lower Lake Region with a trough of low pressure extending southward across the Ohio Valley close to but slightly northwest of Cincinnati. At the time of observation a thunderstorm was approaching the city from the west, and a light rain was falling. The thunderstorm was over the western portion of the city from about 6:50 p. m., to 7 p. m., local time, and over the central portion of the city from 7 p. m. to 7:12 p. m. The lightning flashes were bright but the storm was not especially severe. About 7 p. m., the barograph trace at the Abbe Meteorological Observatory showed that the pressure fell sharply .08 of an inch and rose sharply .09 of an inch, and similar but somewhat smaller changes occurred at the Government Building. These changes were of the usual type of pressure changes attending the passage of a thunderstorm, and no other unusual changes occurred in the pressure at either station during the evening. At 7:11 p. m., the electric lights went out in the northern portion of the city after a sharp flash of lightning which burnt out a transformer. The thunderstorm moved off to the east and lightning was observed in that direction during the following hour. The highest wind velocity recorded was 25 miles per hour at the Observatory from 7:09 p. m., to 7:12 p. m., and 18 miles per hour at the Government Building about the same time.

The tornado occurred in the eastern portion of the city sometime between 7:20 p. m., and 7:30 p. m., local time. Three of the large feed circuits of the Electric Light Company went out at 7:28 p. m., which was probably the time the tornado was most destructive. When the path of the tornado is traced backwards it passes midway between the two Weather Bureau stations which are four miles apart, and over a thickly settled portion of the city. The instrumental records do not show that any storm of this nature passed between the stations. All the available evidence seems to indicate that the tornado developed close to or over the region where the first destruction of property occurred.

A possible explanation of the origin of the tornado is that the wind at the observatory was blowing at the rate of 24 miles an hour from the northwest from 7:08 p. m., to 7:13 p. m., and at the rate of 18 miles per hour from the southwest during the same time at the Government Building. Blowing at these rates and directions the two winds would meet about 10 minutes later at the point where the tornado is supposed to have originated. These directions and velocities were maintained for only five minutes after which the directions became west at both stations and the velocities gradually decreased. The assumption that the tornado developed during the time from 7:18 p. m., to 7:23 p. m., and then moved eastward at the rate of about 20 miles an hour seems to agree with available data and records of the time the storm occurred. The topography of the region is favorable for the acceleration of the winds reaching the point in question as valleys lead up from the south and from the north to the ridge where the first destruction occurred.

The tornado passed through the eastern suburb of Cincinnati known as South Hyde Park or Mt. Lookout. The first evidence of the storm was at the corner of Fairfax and Cinnamon Sts., where a small residence was blown down. Two short blocks farther east on Lavinia street a tree was blown over and another small building was partly destroyed. Another short block to the east the storm crossed Madison Road where the poles carrying the electric cables of the Cincinnati Traction Co., were blown down and several large signboards on the east side of the street were demolished. The Traction Co., states that the current went off on Madison Road at 7:16 p. m., but this may have been due to the thunderstorm which apparently preceded the tornado somewhat.

After crossing Madison Road the storm passed up a gradual slope and across the Cincinnati Golf Grounds for a distance of about one mile without causing much damage. Passing down the hill to the east of the golf grounds the storm apparently increased in intensity and the path of greatest destruction began at the head of Morton St., about half way down the hill, where one house was entirely demolished and another partly destroyed. The north half of the roof of the house on the left of the path of the storm was carried 300 feet to the northwest over a row of houses and deposited in a yard, while a portion of the roof of the house on the right side of the path was carried about 500 feet across a gully to the southeast and smashed to pieces on the side of the hill. These roofs must have been picked up and carried by the gyrotory winds until they reached the points where found. The path of destruction was about fifty feet wide on Morton Street.

The path of the storm from the head of Morton Street was plainly marked, passing a little east of north down the hill to the "Arcadia" subdivision, and then up the hill across Linwood Avenue along the south side of the Kessing homestead popularly known as "Policy Bill Smith's Home," and to the corner of Grace and Griest Avenues. Trees on the south side of the path lay to the north and northeast and those on the north side lay to the south and southeast. Along the path of the storm there were many evidences of the gyratory motion of the winds. On the extensive lawn of the Kessing home many large trees were blown down and they lay in every direction. At one place near the southeast corner of the house four large trees were piled one on top of the other and formed an axis from which the trunks radiated out like spokes in a wheel. The first tree lay to the north, the next to the northeast, the next to the east across the other two, and the fourth tree lay to the south across the other three. Other top-heavy evergreen trees near this point were blown down with the first gust of wind and lay to the west. Nearly all buildings, trees, etc., directly in the path of the storm between Morton St., and Grace St., were blown down, except Kessings Home which is an exceptionally well-constructed building.

After crossing Grace Avenue the storm gradually decreased in intensity and width but was still destructive down Griest Avenue, across Delta and Herschell Avenues, through Ault Park and as far east as Red Bank.

The total length of the path of the storm from near Cinnamon or Lavinia Streets to Red Bank was three and one-quarter miles, but the path of greatest destruction was about three-fourths of a mile, from Morton Street, to Delta Avenue, and the width in this region varied between 50 feet and 300 feet or more.

As the storm occurred after dark cloud observation was difficult. A few people, however, claim to have seen the tornado cloud, one witness describing it as pear-shaped with the neck end towards the ground, the center of the cloud having a dull reddish glow. This same party also describes the lightning as being of the sheet type and of a diffused glare. There is general agreement as to the tremendous hissing, roaring noise accompanying the passage of the storm. The rainfall attending the storm was light.

As a result of the storm three people were killed and thirty-two injured. Following is a list of the killed:

Ohmer Glenn, aged 82, of 1279 Grace Avenue; John Nelson, aged 80, Linwood and Grace Avenues; Matthew J. McCarthy, aged 3, Griest and Delta Avenues.

Ninety houses were totally or partly wrecked and the property damage is estimated as between \$250,000 and \$300,000.

The temperatures were very changeable during April with a minimum temperature of 26 degrees on the 14th which was followed four days later by a maximum of 84 degrees. During the last week of April and the first half of May there was a prolonged spell of cool weather, and light frost formed as late as May 12th. After the middle of May the temperatures were moderately high for about a week and then followed two months of cool weather. The rainfall for the spring and early summer months averaged above the normal although there were several long periods with very little rain.

The warmest portion of the summer was from July 23rd to August 23rd when temperature was above 90 degrees on several days. There was very little rain in August and September, except on one day in September. During the night of September 7th-8th there was a severe thunderstorm with excessive rain in all portions of the city. The rainfall during the night was 2.08 inches at the Abbe Meteorological Observatory, 3.88 inches at the Government Building, and 5.83 inches in 11 hours at Fernbank Dam in the lower portion of the city. The greatest previous 24-hour rainfall recorded at Cincinnati in 47 years was 5.22 inches on March 12th-13th, 1907.

October was cool and the first killing frost of the season occurred on the 9th. During the first 21 days of November there were only two light sprinkles of rain, and the month was the driest November on record at this station. Beginning with November 5th there was a period of seven days with very dense fog each morning, the longest period known in this city.

On December 8th a very heavy snow fell which amounted to 11 inches at the Abbe Meteorological Observatory and 12 inches at the Government Building. These are the greatest amounts on record at Cincinnati for one day. Following this heavy snow was a week of extremely cold weather when the temperature was below zero on five days, the lowest being 13 degrees below on December 11th. The lowest previous record for December was 8 degrees below zero. The heavy snow and very low temperatures for the week beginning December 8th made a period of the most severe winter conditions on record for any month.

RIVER DATA.

The stages of the Ohio River from the mouth of the Kanawha to Cincinnati, O., were favorable for navigation during a comparatively good portion of the year. In January and February the stages were generally high, but flood stages were not reached. There was some ice during the third week of January and considerable ice from February 6th to 20th. In March the river was high and was above the flood stage from the 14th to the 20th, the highest at Cincinnati being 56.1 feet on the 17th. From April until the end of July the stages were moderate with a decided rise late in May and a small rise about the middle of August. A pool stage was maintained at Cincinnati most of the time from August 3rd to December 11th, but the river above Cincinnati was too low for navigation during September, October and November, except from October 20th to November 10th, and at other times when artificial rises were produced to bring down coal fleets.

The very cold weather in December formed heavy ice in the river and at Cincinnati the river was frozen over from December 11th to shortly after midnight of the 24th-25th. At Fernbank Dam the ice stopped running during the early morning of the 26th, due to the gorge at Medoc bar, but it continued moving slowly at Cincinnati on the 26th and 27th and until the night of the 28th. On the 28th the gorge between Fernbank and the Miami river was from 8 to 10 feet high in places. The gorges still held at the end of the year.

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